

C.M.U.

Community of Mediterranean Universities



Info-Pack



Mediterranean Programme
Programme Méditerranée
Programa Mediterráneo

البرنامج المتوسطي

**Comunità delle Università Mediterranee
Community of Mediterranean Universities
Communauté des Universités Méditerranéennes**

Segretariato

**Villa La Rocca
Via Celso Ulpiani, 27
70125 Bari Italia**

**Tel. ++390805535402
++390805478337
++390805443575/77
Fax. ++390805443577
++390805478203**

E-mail: cum@cimedoc.uniba.it

Website: <http://www.geocities.com/CollegePark/Union/1554/cum.html>

Index

Historical Outline	pag. 3
Statute	pag. 5
Council of Community of the Mediterranean Universities 2000-2004	pag. 8
Adhering Universities	pag. 10
Adhering Institutions	pag. 17
CMU Schools	pag. 18
Mediterranean Award	pag. 20
National Project	pag. 21
Development Plans	pag. 21
International Cooperation Projects	pag. 22
Research Projects	pag. 26
Training Courses	pag. 29
CMU Series	pag. 30
Proposal for CMU Master Regulations	pag. 32
Permanent Commission for the Mediterranean Intercultural	pag. 33
Meeting of the Rectors of the Mediterranean Polytechnics	pag. 34
Scientific Reseach in the Mediterranean Basin: CMU's proposal	pag. 36

Enclosures

Letter of Agreement UNESCO-CUM 1992
Letter of Agreement UNESCO-NGOs 1997

HISTORICAL OUTLINE

Inspired by a profound desire for cultural co-operation, the Rector of the University of Bari and a group of University professors combined to lay the foundations for a stable union of University Cultural Institutions. This collaborative undertaking aimed to promote the civil and social development of peoples which, despite their wide geographical divergence, have always been united by slender but enduring threads, not only due to geographical links but also of an ethical and religious nature.

The Community of Mediterranean University (CMU) was thus set up in 1983, to generate a process of renewal and modernisation which would help its adhering members to overcome many serious problems. As the years passed, this process has continued by means of a series of initiatives that have met with such widespread support that the CMU now numbers over 160 members.

In the course of nearly fifteen years of activities, CMU has maintained an intense rhythm of activities, as demonstrated by the number of grants bestowed on young research workers from Universities in the Mediterranean area, by participation in research projects set up by at least three Universities from at least three Mediterranean countries, by the opening of the Mediterranean University Schools which aim to promote both scientific meetings and training courses for University researchers.

The Mediterranean University Schools (of which there are now 20, belonging to different scientific areas) constitute an excellent meeting ground for specialists in the various fields working in the Mediterranean Universities, as well as a fruitful training centre for young graduates.

CMU also has strong connections with supranational organisation like UNESCO, the European Union, the European Council.

A first co-operative agreement signed with UNESCO on the 7.10.1992 was followed by another subscribed on the 2.8.97, which officially recognised the CMU as an NGO - formal relations (consultative).

LEGAL STATUS

CMU is a consortium of Mediterranean Universities founded in 1983 according to article 91 of the DPR 382/1980. It is registered at the Chamber of Commerce in Bari (Italy). VAT code: 05048350721.

AIMS

To re-establish and develop the role and function of culture and of scientific and technological research as a means of stimulating growth in the Mediterranean countries. The ultimate aim, apart from that of favouring progress in science, is to inspire closer relationships among the peoples of the Mediterranean basin and their civil and social development;

To promote scientific co-operation among Mediterranean Universities whilst fully respecting the different nations, as a means of sharing in experiences, methodologies and the results of research projects;

To set up permanent links among the Universities, featuring reciprocal exchanges of information and cultural and scientific experiences, of teaching staff and students.

FUNDING

Membership fees paid by the member Universities;

Contributions given by Ministries, local Governments, national and international scientific organisations.

HEAD OFFICE

In view of the historical tradition whereby Apulia has always been the meeting point of the different Mediterranean cultures, the official head office of CMU, as per statutory

Norms, is in the University of Bari, tel: ++390805535402 -0805478203.- 0805478337

ACTIVITIES

CMU actuates this co-operation among Universities by means of funding and setting up research projects on problems of common interest; didactic activities involving teacher and student exchanges and the opening of Mediterranean University Schools, grants offered to students and young research workers, to be used on the premises of CMU member Universities; information exchanges in the field of Scientific research;

Exchanges of scientific staff, teaching staff and students;

Organisation of seminars, courses, symposia, meetings;

Grants: (bestowed since 1987: 152) Albania 17; Egypt 20; France 8; Iraq 1, Israel 2; Italy 32; Yugoslavia 2; Lebanon 5; Libya 3; Malta 5; Morocco 19; Spain 15; Tunisia 2; Turkey 6.

Exchange of information leaflets; publications, etc.

AGREEMENTS

UNESCO-CMU signed on the 7 October 1992, for targeted activities in fields of great importance and underdeveloped areas. Contract n. 105.224.3 approved a course on Public Health teaching held in 1993-4 in Tirana (Albania) and in Bari (Italy). The II phase of this course on Public Health was held in 1995, under contract n. 105.034.4.

CMU has been a member of the UNESCO Non-Governmental Organisations (NGOs) since 1987. It now belongs to the category of "Formal Relations (consultative)".

STATUTE

Art. 1

The "Community of the Mediterranean Universities" is established.

The Community, upholding the freedom of science and in order to contribute to peace, has the following aims:

- 1) to reaffirm and develop the role and function of culture and technological and scientific research for the solution of difficult and complex problems created by the development of the countries of the Mediterranean Sea;
- 2) to promote scientific cooperation among the Mediterranean Universities, using the experience and resources of each University while respecting the differences and the features of the different nationalities;
- 3) to set up permanent links among the above-mentioned universities through the reciprocal exchange of scientific and cultural experience and information of teaching staff and students;
- 4) Set up links between the CMU and the economics, industrial and local Institutions in the countries where at least one university is adhering.

Art. 2

The Community legally recognised and is represented in all cases by its President.

The Community centre is at the University of Bari (Italy).

Community activities can take place in any universities belonging to the Community.

Art. 3

The Community is composed of the following:

- 1 - the President of the Community;
- 2 - the General Assembly of Member Universities;
- 3 - the Council of the Community;
- 4 - the Head Office;
- 5 - the Permanent Work Commissions;
- 6 - the College of Auditors;
- 7 - the Secretariats of the C.M.U., one for each member country
- 8 - the Committee of the representatives of economic, industrial and local Institutions adhering to CMU.

Art. 4

The President of the Community is elected by the Council, holds office for four years and may be reelected.

The President sees to the convening of the General Assembly, the Council and the Head Office; he presides over the meeting of the Council, the Head Office and, if necessary, the Committee of Secretariats; he sees that the decisions of the Council and of the Head Office are carried out; he represents the Community in all cases.

Art. 5

The General Assembly of the Community is composed of Rectors, or their delegates, from all the member universities.

The Assembly meets when convened by the President of the Community, at least once every two years.

At every sitting the Assembly appoints a Head Office composed of:

- 1 President;
- 3 Vice-Presidents;
- 1 Secretary.

The Assembly's task is:

- 1 - to indicate the general policy and outline programmes of Community activities;
- 2 - to take note of the work of the Community and of the Head Office;
- 3 - to take note of the election of the members of the Council;
- 4 - to approve by a majority of two thirds the proposals for integration and modification of the Statute put forward by the Council, and by a full majority those regarding the Regulations put forward by the Council.

Art. 6

The Council is composed up of the Rectors or their delegates from one university of each Mediterranean country.

The representatives of the Mediterranean Universities in the Council are elected every four years by the single national groups of the member universities and may be reelected.

The tasks of the Council are:

- 1 - to approve the moral report and the provisional and final budget.
- 2 - to discuss programmes of activity presented by the Head Office and the Commissions on the basis of indications supplied by the General Assembly;
- 3 - to appoint the members of the Head Office;
- 4 - to appoint the Chairmen of the Permanent Work Commissions;
- 5 - to establish the membership fee for each university;
- 6 - to receive and put forward proposals for modification in the Statute to the Assembly;
- 7 - to propose the College of Auditors to the Assembly.

The decisions of the Council are taken on a simple majority and in the case of parity the President's vote is final.

Art. 7

The Head Office is composed of:

- 1 President;
- 3 Vice-Presidents;
- 1 General Secretary.

The members of the Head Office hold office for four years and may be reelected.

The Head Office meets at least twice a year when convened by the President.

The Office is legally viable when at least three of its members, including the President, are present.

The deliberations of the Office are adopted when there is a simple majority of those present. In the case of parity the vote of the President is decisive.

The tasks of the Office are:

- 1) to draw up a moral report, a provisional budget and final budget;
- 2) to carry out the programmes decided by the Council and to prepare the plans of programmes to be submitted to the Council.

Art. 8

The Council appoints one Chairman for each Commission. The Commission Chairmen hold office for four years and may be reelected.

The Council appoints the members of each Commission after consulting the respective Chairmen.

The Commissions meet at least once a year when convened by their own Chairman.

The Commission's tasks are:

- 1 - to carry out studies and research according to the areas of competence;
- 2 - to present proposals of programmes to be carried out, according to the areas of competence, to the Head Office which, in turn, will pass them on to the Council for approval.

The following Commissions are established, leaving open the possibility to establish others at a later date:

- 1 - Commission for Natural Sciences and Health;
- 2 - Commission for Technology;
- 3 - Commission for Economic and Juridical Sciences;
- 4 - Commission for Communications;
- 5 - Commission for Education;
- 6 - Commission for Human Sciences and Arts.

Art. 9

The College of Auditors is composed of three members:

- 1 - director of the Ministry of Education and of Italian Scientific and Technological Research;
- 2 - a professor of a C.M.U. Member University.
- 3 - a director of the University of Bari.

The task of the College of Auditors is:

- to keep a regular check on accounts;
- to draw up an annual budget;
- to keep a check on the balance of funds, stocks and bonds and carry out inspection and verification at any time, also individually.

Art. 10

In each country of the Mediterranean, of which at least one university is a member of the Community, a Secretariat of the C.M.U. has been established that reports to the Head Office.

The Centre of the Secretariats is decided by the Council, as proposed by the President.

Each Secretariat will have to:

- establish a data bank for the Universities and Research Institutes of its own country;
- keep in contact with the Head Office;
- supply the universities of its own country with information on the C.M.U.;
- keep information, forms and publications of the C.M.U. available for the Universities.

The expenses of the Secretariats are charged to the University of the country where they are situated and are not part of the C.M.U. budget.

The Council may, exceptionally, make special contributions to the Secretariats.

ART. 10bis

The economic, industrial and local Institutions adhere to CMU as Associate Members and a coordination committee is Secretary General elected of which are members CMU's and the President. CMU's President presides and convenes the meetings of this committee.

The tasks of the economic, industrial and local Institutions, in close collaboration with the Mediterranean Universities, are:

1. To present programmes and proposals, subscribed to by the CMU's President and approved by the country representative, to the various national as well as international bodies, in collaboration with the Universities;

2. To manage the contracts obtained through the above-mentioned bodies under the supervision of the country representative and the responsibility of the CMU's President, who subscribes to the contracts;

3. To promote and carry out, periodically, training courses, with the collaboration of the teaching staff also from Mediterranean countries other than that of the proposing economic, industrial and local Institution, agreed upon with CMU's President and Secretary General;

To convene a meeting of the committee as well as of the representatives of the economic, industrial and local Institutions at least every two years during the Assembly of the CMU.

Art. 11

The patrimony of the Council is composed of:

1 - membership fees paid by member universities and of the economic, industrial and local Institutions as Associate Members, which are determined by the Council;

2 - contributions from Ministries, local, national and international Institutes and national and international scientific organizations;

3 - legacies and donations from private persons which have duly been accepted by the Council.

The Community budget is annual and runs from 1st January to 31st December of each year.

The administration of the University of Bari is entrusted with the administrative and financial management of the Community.

Art. 12

The regulations of the Italian Civil Code are applicable for any item not included in the present statute.

Art. 13

Disputes which may arise as a result of the application of this Statute will be referred to the exclusive jurisdiction of the Italian judicial authority and to the territorial competence of the judicial authority of the place where the Community is based.

Art. 14

The Community decides to establish relationships with the International and National Organizations specialized in areas of interest to the Community, in particular UNESCO.

The Organizations that establish relationships with the Community will be represented by a delegate acting as observer in the General Assembly and in Council Meetings.

Art. 15

The proposals for modification of the Statute have to be put forward to the Council that, after approving them, will inform the General Assembly.

They will come into force after approval by a majority of two thirds of the members of the Assembly.

Council of the Community of Mediterranean Universities 2000-2004

ITALY

Prof. Luigi AMBROSI – Presidente
c/o Università degli Studi di Bari
Piazza Umberto I, n°1
70121 BARI

Tel. +39-080-5478336/7
Fax +39-080-5478203
E-mail cum@cimedoc.uniba.it

EGYPT

Prof. Mohamed Aly EL ASWAD
Vice-President
Tanta University
P.O.Box. 464
TANTA

Tel. +20 02 3405400
Fax +20 040 3335932

SPAIN

Prof. Francisco POMER
Vice-President
Vice Rector de Relaciones Exteriores
Universitat de Valencia
c/. Senda Senent, 11
46071 VALENCIA

Tel. +34-96-3864110
Fax +34-69-3864224
E-mail: francisco.pomer@uv.es

ALBANIA

Prof. Marenglen SPIRO
Rector University of Tirana
TIRANA

Tel. +355-42 28402
Fax +355-42 23981
E-mail: rectorut@albaniaonline.net

PORTUGAL

Prof. Irene SILVEIRA
Treasurer
Vice-Rector Universidade de Coimbra
Paco das Escolas
COIMBRA

Tel. +351-239859840/36
Fax +351-239825841
E-mail: vicereit@ci.uc.pt

MOROCCO

Prof. Mohamed KNIDIRI
General Secretary
Recteur de l'Université Cadi Ayyad
B.P. 511 – Bd Prince My Abdellah
MARRAKECH

Tel. +212-4-434885
Fax +212-4-434494
E-mail: rectorat@ucam.ac.ma

FRANCE

Prof. François RESCH
Université de Toulon
Avenue G. Pompidou
83162 La Vallette TOULON

Tel. +33 04 94142447
Fax +33 04 94142448
E-mail: resch@univ-tln.fr

LIBYA

Prof. Abdalla ELMANSORI A.
Al-Fateh University
P.O. Box 13555
TRIPOLI

Tel. +218-21-3615621 - 4
Fax +218-21-3615620

ALGERIE

Prof. Ahcène LAGHA
Université de Blida
B.P. 115 Oued Roumanc El Achour
ALGERI

Tel. +213-2 300293
Fax +213-2 300447
E-mail: inre@wissal.dz

CROATIA

Prof. Ivo BABIC
University of Split
Livaniska, 5
21000 SPLIT

Tel. +385 21 558200
Fax +385 21 355163
E-mail: rektorat.office@unist.hr

CYPRUS

Prof. Yiannis IOANNOU
University of Cyprus
Social Sciences 10
Kallipoleos Avenue, 3rdFloor
NICOSIA

Tel. +357-2-892042 - 758982
Fax +357-2-750438
E-mail: yiannis@ucy.ac.cy

MONTENEGRO

Prof. Sreten SKULETIC
University of Montenegro
Cetinjski put bb
81000 Podgorica - MONTENEGRO

Tel. +381-81-243638
Fax +381-81-242301
E-mail: skuletic@cg.ac.yu

LIBAN

Prof. Boutros TARABAY
President
Notre Dame University Louaize
72, Zouk Mikael
ZOUK MOSBEH

Tel. +961-9 218772
Fax +961-9 218771
E-mail: presidnt@ndu.edu.lb

PALESTINE

Prof. Rami HAMDALLAH
Rector
An-Najah National University
NABLUS

Tel. +972-9 238415
Fax +972-9 237982
E-mail: info@najah.edu

TURKEY

Prof. Gülsün Saglamer
Rector
Istanbul Technical University
Ayazaga Kampüsü Maslak
ISTANBUL
Tel. +90-212-2852900
Fax +90-212-2852910
E-mail: saglamer@itu.edu.tr

ISRAEL

Prof. Zamik Rosenwaks
Department of Physics
Ben Gurion University of the Negev
P.O. Box 653 BEER-SHEVA 84105

Tel. +972-7-6477745
Fax +972-7-6472421/2/3/4
E-mail: zamik@bgumail.bgu.ac.il

GREECE

Prof. Kostantinos SIMOUPoulos
Rector
Democritus University of Thrace
69100 KOMOTINI
Tel: +30 531 39085
Fax: +30 531 39081

SYRIA

Proff. Hani MOURTADA
President
Damascus University
Damascus

Fax: +963 11 2235779

Waiting for the appointment of the representatives of the following countries:
MALTA, AND TUNISIA

ADHERING UNIVERSITIES

Albania/ Albanie/ Albania

University of "Egrem Cabej"
GIROKASTER

Agricultural University
KANEZ - TIRANA

University of Korka
KORCE

University of Shkodra
"Luigj Gurakuqi"
SHKODER

Polytechnical University
Bul. Deshmoret e Kombit
TIRANA

University of Tirana
TIRANA

Università Tecnologica
"Ismail Quemal Vlora"
Lagja "Paravesia"
VLORE

Algeria/ Algérie/ Algeria

Université des Sciences
et de La Technologie
"Houari Boumediene"
B.P. 32 El Alia Bab Ezzouar
ALGER

Université de Annaba
B.P. N.12 EL-HADJAR
ANNABA

Université de Blida
B.P. 270
BLIDA

Université d'Oran Es-Senia

B.P. 1524
ORAN EL MNAOUER
Université de Tizi Ouzou
B.P. 17 R.P.
15000 TIZI OUZOU

Université de Tlemcen
22, rue Abi-Ayed Abdalhaim
Fg Pasteur
13000 TLEMEN

Cipro/ Chypre/ Cyprus

University of Cyprus
75, Kallipoleos
P.O.Box 537
TT 134 NICOSIA

Higher Technical Institute
P.O. Box 2423
NICOSIA

Frederik Institute of Technology
7, y Frederickos str.
Pallouriotissa
NICOSIA

Croazia/ Croatie/ Croatia

University "Vladimir Bakarik"
TRG Rijecke Rezolucije 7/1
51000 RIJEKA

University of Split
Livanjska 5
58000 SPLIT

University of Zagreb
TRG Marsala Tita 14
41000 ZAGREB

Egitto/ Égypte/ Egypt

Assiut University
ASSIUT

University of Helwan
96 Ahmed Oraby St.
CAIRO

Cairo University
Orman Giza
CAIRO

Minia University
MINIA

Mansourah University
MANSOURAH - DAKAHLIA

Tanta University
El Geish St.
P.O.B. 464
TANTA

Zagazig University
ZAGAZIG

MISR University for Science & Technology
Al-Montamayez District
6th OF OCTOBER CITY

Francia/ France/ France

Université de Caen
14032 CAEN CEDEX

Université de Corse
Pascal Paoli Jean Nicoli
B.P. 24
20250 CORTE

Université de Toulon et du Var
83130 LA GARDE

Université de Provence
(Aix-Marseille I)
3, Place Victor Hugo
13331 MARSEILLE CEDEX 3

Université d'Aix - Marseille II
Jardin du Pharo
58, Boulevard Charles Livon
13007 MARSEILLE

Université Montpellier I
5, Boulevard Henri IV
B.P. 1017

34060 MONTPELLIER
CEDEX I

Université des Sciences et
Techniques du Languedoc
Montpellier II
Place Eugene Betaillon
34095 MONTPELLIER II CEDEX 5

Université Paul Valéry
Montpellier III
Route de Mende B.P. 5043
34032 MONTPELLIER
CEDEX 1

Université de Nantes
1, Quai de Tourville
44036 NANTES CEDEX

Université de Perpignan
52, Avenue de Villeneuve
66860 PERPIGNAN CEDEX

Université de Rennes I
2, rue du Thabor
35065 RENNES CEDEX

Université de Toulouse III
Paul Sabatier
118, Route de Narbonne
31062 TOULOUSE CEDEX

Grecia/ Grèce/ Greece

University of Athens
30 Panepistimiou Str.
10679 ATHENS

The Athens School of Economics and
Business Science
76, Patission Street
10434 ATHENS

University of Athens
School of Fine Art
Patisson 42
10682 – ATHENS

Ionian University
55-59, rue Deligiorgi
10437 ATHENS

Technical University of Crete
Agion Markou Str.
73132 CHANIA - CRETA

University of Ioannina
P.O.Box 1186
45110 IOANNINA

University of Thrace
17, Dimokritou St.
69100 KOMOTINI

University of the Aegean
H.Tripoupi - Faonos Str.
81100 MYTILENE

University of Patras
Panepistimion Patron
26500 PATRAS

University of Piraeus
80 Karaoli Dimitriou Str.
18534, PIRAEUS

Aristotle University of Thessaloniki
University Campus
54006 THESSALONIKI

University of Macedonia
Economic and Social Sciences
156, Egnatia str., PO box1591
54006 THESSALONIKI

University of Thessaly
Argonafton & Filellino St.
38221 VOLOS

Israele/ Israël/ Israel

Ben Gurion University of the Negev
P.O. Box 653
84105 BEER SHEVA

Technion Israel Institute of Technology
Kiryat Ha' Technion
32000 HAIFA

Universitat Haifa
Koushy Avenue, Mt. Carmel
31905 HAIFA

The Hebrew University of Jerusalem
91905 JERUSALEM

Bar-Ilan University
52100 RAMAT GAN

Ha' University Hapetucha
P.O.B. 3928
TEL AVIV

Tel Aviv University
Ramat-Aviv
69011, TEL AVIV

The Open University of Israel
16, Klausner St.
P.O.B. 39328 Ramat Aviv
61392 TEL AVIV

Italia/ Italie/ Italy

Università degli Studi di Ancona
Piazza Roma, 22
60100 ANCONA

Università degli Studi di Bari
Piazza Umberto I, 1
70121 BARI

Politecnico di Bari
Via Celso Ulpiani, 11
70124 BARI

Università degli Studi di Bologna
Via Zamboni, 33
40126 BOLOGNA

Università degli Studi di Cagliari
Via Università, 40
09124 CAGLIARI

Università degli Studi di Camerino
Via del Bastione, 3
62032 CAMERINO (MC)

Università degli Studi di Cassino
Palazzo Curia - Via Marconi, 10
03043 CASSINO (FR)

Università degli Studi di Catania
Piazza Università, 2
95124 CATANIA

Università "G. D'Annunzio"
Via dei Vestini
66013 CHIETI SCALO

Università della Calabria
Arcavacata di Rende
87036 RENDE (CS)

Università degli Studi di Ferrara
Via Savonarola, 9
44100 FERRARA

Università degli Studi di Firenze
Piazza San Marco, 4
50121 FIRENZE

Università degli Studi di Foggia
Via IV Novembre, 1
71100 FOGGIA

Università degli Studi di Genova
Via Baldi, 5
16126 GENOVA

Università degli Studi
di L'Aquila
Piazza dell'Annunciata, 1
67100 L'AQUILA

Università degli Studi di Lecce
V.le Gallipoli, 49
73100 LECCE

Università degli Studi di Macerata
Piaggia dell'Università, 2
62100 MACERATA

Università degli Studi di Messina
Piazza dell'Università
98100 MESSINA

Politecnico di Milano
Piazza Leonardo da Vinci, 32
20133 MILANO

Università degli Studi di Modena
Via dell'Università, 4
41100 MODENA

Università degli Studi di Napoli Federico II

Corso Umberto I
80138 NAPOLI

Università Napoli 2
Via S. Maria di Costantinopoli, 104
80138 NAPOLI

Istituto Universitario Navale
di Napoli
Via Amm. Acton, 38
80133 NAPOLI

Istituto Universitario Orientale
Via Marchese Campodisola, 13
80133 NAPOLI

Università degli Studi di Palermo
Palazzo Steri - Piazza Marina, 61
90134 PALERMO

Università degli Studi di Parma
Via Università, 12
43100 PARMA

Università degli Studi di Pavia
Strada Nuova, 65
27100 PAVIA

Università degli Studi di Perugia
Piazza Università, 1
06123 PERUGIA

Scuola Normale Superiore
di Pisa
Piazza dei Cavalieri, 7
56100 PISA

Università degli Studi di Pisa
Lungarno Pacinotti, 43
56100 PISA

Università della Basilicata
Via Nazario Sauro, 85
85100 POTENZA

Università degli Studi di Reggio Calabria
Via Zecca, 4
89100 REGGIO CALABRIA

Università per gli Stranieri "Dante Alighieri"
Via Mortara di Pellaro, 40
89100 REGGIO CALABRIA

Università Luiss
Via Pola, 12

00198 ROMA

Università "La Sapienza" di Roma
Piazzale Aldo Moro, 5
00185 ROMA

II Università degli Studi
"Tor Vergata" di Roma
Via Orazio Raimondo
00173 ROMA

Università degli Studi di Salerno
Via Ponte don Melillo
84184 FISCIANO-SALERNO

Università degli Studi di Sassari
Piazza Università, 12
07100 SASSARI

Università degli Studi di Siena
Via Banchi di sotto, 55
53100 SIENA

Università degli Studi di Teramo
Via Crucoli, 122
64100 TERAMO

Università degli Studi di Torino
Via Po, 17
10124 TORINO

Politecnico di Torino
Corso Duca degli Abruzzi, 24
10129 TORINO

Università degli Studi di Udine
Via Antonini, 8
33100 UDINE

Università "Ca Foscari" di Venezia
Dorsoduro 3246
30123 VENEZIA

Università degli Studi
"La Tuscia" di Viterbo
Via San Giovanni Decollato, 1
01100 VITERBO

Libano/ Liban/ Lebanon

American University of Beirut
P.O. Box 11-236
BEIRUT

Université Saint Esprit Kaslik
B.P. 446

JOUNIEH

Université Balamand
P.O. Box 100
TRIPOLI

Notre Dame University
P.O. Box 72
Zouk Mikael
ZOUK MOSBEH - KESRWAN

Libia/ Libye/ Libya

University of Garyounis
P.O.Box 1308
BENGHAZI

University of El Fateh
P.O. Box 13225
TRIPOLI

Malta/ Malte/ Malta

University of Malta
MSIDA

Marocco/Maroc/Morocco

Université des Ibnou Zohr
B.P. 32/S
AGADIR

Université Hassan II
B.P. 9167 Mers Sultan
20180 CASABLANCA

Université Chouaib Doukkali
2. Boulevard Mohammed Ben Larbi Alaoui
B.P. 299
2400 EL JADIDA

Université Sidi Mohamed Ben Abdellah
Boulevard des Almohades
B.P. 1796 Bis
FES

Université Ibnou Tofail
Bir Rami Chakkia
Route 41 N.302
B.P. 242
KENITRA

Université Cadi Ayyad
Boulevard Moulay Abdellah

B.P. 511
MARRAKECH

Université Mohammed I
Route Sidi Maafa
B.P. 524
60000 OUJDA

Université Abdelmalek Essaadi
B.P. 211 - Martil
TETOUAN

Mauritania/ Mauritanie/ Mauritania

Université Nouakcote
BP 798
NOUAKCOTT

Montenegro

University of Montenegro
Cetinjski Put BB
81000 PODGORICA

Palestina/ Palestine/Palestine

Bethlehem University
P.O.Box 9
Rue de Freres
BETHLEHEM

Birzeit University
P.O. Box 14
BIRZEIT WEST BANK

Islamic University
GAZA

University Al-Azhar
Thalathini Street Box 108
GAZA

University of Hebron
P.O.Box 40,
HEBRON

Al-Quds University
8 Nur Al-Din St.
P.O.Box 51000
JERUSALEM

Al-Quds Open University

P.O.Box 5180
JERUSALEM

University of An-Najah
P.O.Box 7
NABLUS WEST BANK

Portogallo/ Portugal/ Portugal

Universidade de Coimbra
Paco das Escolas
3049 COIMBRA

Universidade Nova de Lisboa
Praça Principe Real, 26
1250 LISBOA

Siria/ Syrie/ Syria

Damascus University
DAMASCO

Tishreen University
LATAKIA

Spagna/ Espagne/ Spain

Universidad de Alicante
Carretera de San Vicente
03690 ALICANTE

Universidad Autonoma Barcelona
Campus Univ. de Bellaterra
08193 BELLATERRA

Universidad de Cadiz
c/ Ancha, 16
11404 CADIZ

Universidad Jaime I-Sia
Campus de Penyeta Roja
12071 CASTELLO

Universidad de Cordoba
Calle Alfonso XIII N. 17
14071 CORDOBA

Universidad de Granada
Cuesta del Hospicio
18071 GRANADA

Universidad de Pais Vasco
Euskal Herriko
Unibertsitatea
E-48940 LEIOA - VIZCAYA

Universidad Complutense de Madrid
Pabellon de Gobierno
Calle Ramiro de Maeztu
28040 MADRID

Universidad de Malaga
Edificio Rectorado
Zona Universitaria El Ejido
29071 MALAGA

Universidad de Murcia
Edificio la Convalecencia
Avda Teniente Fomesta, 5
30003 MURCIA

Universidad de Salamanca
Patio de Escuelas 1
37008 SALAMANCA

Universidad de Santiago de Compostela
Plaza do Obradoiro
15705 SANTIAGO DE COMPOSTELA

Universidad de Sevilla
C/ San Fernando, 4
41071 SEVILLA

Universidad Politecnica de Valencia
Camino de Vera
46071 VALENCIA

Universidad de Valencia
c/ de La Nave 2
46003 VALENCIA

Universidad de Valladolid
Plaza Santa Cruz 8
47002 VALLADOLID

Tunisia/ Tunisie/ Tunisia

Université de Sfax
Route Aeroport Km.2
3029 SFAX

Université du Centre
43, Avenue Mohamed Karoni
4002 SOUSSE

Université La Zitonna I
29, Rue Asdrubal
1002 TUNIS

Université Sciences et Techniques et de
Medicine II
29 Rue Asdrubal
1002 TUNIS

Université de Droit, Economie et de Gestion
de Tunis III
29, Rue d'Asdrubal
1004 TUNIS

Turchia/ Turquie/ Turkey

Cukurova Universitesi
Rektorlugu
01330 ADANA

Çankaya University
Öğretmenler Cad. 112/2
Balgat Yüzüncüyıl
06530 ANKARA

Middle East Technical University
Inonubulvari
06531 ANKARA

University of Bulvari
Dumlupinar Bulvari Kampus
07003 ANTALYA

Bogazici University
80815 BEBEK - ISTANBUL

Ege University Rektorlugu
Bilgisayar Bilimleri
Muhendisligi Bolumu
35040 BORNOVA – IZMIR

Istanbul Universitesi
Ordu Caddesi No. 200
34470 LALELI ISTANBUL

Istanbul Technical University
AYAZAGA CAMPUS
80626 ISTANBUL

ADHERING INSTITUTIONS

Armenia/Armenia/Armenia

State Engineering University
105, Terian St.
375009 YEREVAN

Università Popolare di Caserta
Via Chierici, 20
(Pal. Del Giudice)
81100 CASERTA

Francia/ France/ France

Centre International des Hautes Etudes
Agronomiques Méditerranéennes
11, Rue Newtonunisie
75116 PARIS

UNESCO
7, Place de Fontenoy
75700 PARIS

Prometheus-Europe
23, Rue Blanche
75009 PARIS

Corex
47, Rue des Ecoles
75230 PARIS CEDEX 05

Institut du Mond Arabe
I Rue des Fossés
St-Bernard
75005 PARIS

PEACE Programme
Office at UNESCO
Bonvin Building B.6.43
1, Rue Miollis
75732 PARIS CEDEX 15

Institut National des Sciences Appliquées de
Lyon
avenue Albert Einstein, 20 - Bât 705
69621 Villeurbanne Cedex

Grecia/ Grèce/ Greece

Centro Internazionale per gli Studi
Mediterranei (C.I.S.M.)
Prefettura del Dodecaneso
P.zza Elefterias
RODI

Italia/ Italie/ Italy

Comunità Mediterranea dei Trasporti
c/o P.T.M. S.p.A.
Viale Armando Diaz 36
09125 CAGLIARI

Fondazione Laboratorio Mediterraneo
Vico Dattero, 11
Mergellina
80100 NAPOLI

Fondazione Clinica del Lavoro
Via Azzario, 19
27100 PAVIA

CESVAM
Via del Tritone, 46
00187 ROMA

"Fondazione Alcide De Gasperi"
Via del Plebiscito 107
00186 ROMA

Dipartimento di Lingue e Letterature dei
Paesi del Mediterraneo
Via Lazzaretto Vecchio 8
34123 TRIESTE

Tecnopolis Csata
Novus Ortus S.c.a r.l.
Str. prov.le per Casamassima Km.3
70010 VALENZANO (BA)

Libia/ Libye/ Libya

International Energy Foundation (IEF)
P.O.Box 83617
TRIPOLI

Palestina/ Palestine/ Palestine

Environmental Protection and Research
Institute "EPRI"
P.O.Box 1175
GAZA

Tunisia/ Tunisie/ Tunisie

CETIMA
Cité Mahrajène
1082 Tunis - B.P. 262

C.M.U. SCHOOLS

Distance Learning Computer Science Course

Coordinatore: Prof. Mario De Blasi Facoltà di Ingegneria Informatica – Università di Lecce (Italia)
Tel. +39-0832-320223 / 320539 / Fax +39-0832-320279 / 325080

Mediterranean Course of Oncology

Coordinatore: Prof. Franco Dammacco - Istituto di Patologia Medica, Policlinico, BARI (Italia)
Tel. +39-080-5478863 – Telex 810598, Fax +39-080-5478820

Course of Law in the Mediterranean Countries

Coordinatore: Prof. Antoine Khalife, Faculté de Droit – Université de Saint Esprit, Kaslik B.P. 446 Jounieh (Liban)
Tel. +961-9-640664/5, Telex 45777 Fax +961-9-642333

School Monument Conservation and Environmental Protection

Coordinatore: Prof. Fulvio Zezza, Istituto di Geologia Applicata e Geotecnica, Facoltà di Ingegneria, Politecnico di Bari (Italia)
Tel. +39-080-5962376, Fax +39-080-5962675

Course on Contacts and Cultural Exchange in the Mediterranean

Coordinatore: Prof. Robert Ilbert, Department d'Histoire – Université de Provence Centre d'Aix, 29 Av. R. Schuman-13621 Aix-en-Provence (France)
Tel. +33-42202825 – Fax +33-42205111

Course on Nutrition Science and Agro-alimentary Technology

Coordinatore: Prof. Luigi Cioffi, Direttore dell'Istituto di Fisiologia Umana e Fisica Biomedica – Università "Federico II", Corso Umberto I, 2 Napoli (Italia)
Tel. +39-081-5665801, Telex 722040, Fax +39-081-5640599

Course of Mediterranean Languages

Coordinatore: Prof. Giovanni Dotoli, Istituto di Lingua e Letteratura Francese, Università degli Studi di Bari (Italia)
Tel. +39-080-5717441, Telex 810598, Fax +39-080-5717412

Course on Automation and its application to physical processes

Coordinatore: Proff. Benhammou Ahmed – Elbagdouri Mohamed, Université cady Ayyad – Faculté de Sciences - Département de Physique – Avenue Moulary Abdallah, B.P. S15 – Marrakech (Morocco)

Ecotoxicology Mediterranean University Course

Coordinatore: Prof. Edward Scerri – Department of Chemistry – University of Malta – Msida (Malta)
Tel. +356-3-2902274, Telex 407 HIEDUX MW, Fax +356-3-30400/650615

The Mediterranean Course on “The state of woman in the Mediterranean world”

Coordinatore: Prof.ssa Emel Dogramaci – Dean faculty of Letters T.C. Hacettepe University, Beytepe – Hankara (Turkey) Tel. +90-4-2352532, Fax +90-4-42352533

Mediterranean University School for Biotechnology

Coordinatore: Prof. N. Gurdal Alaeddinoglu – Middle Est Technology University, 06531 Ankara (Turkey) Tel. +90-4-2237100 Ext. 3107, Telex 42761 ODTK_TR, Fax +90-4-2101279

Mediterranean University School of Hydrogeology of Arid Territories

Coordinatore: Prof. J. Trilla- Dep. Hidogeologia, università Autònoma de Barcelona, 08193 Bellaterra (Spain) Tel. +349-3-5811259, Fax +349-3-5811263

Study Centre for renewable sources of energy

Coordinatore: Prof. Edward Scerri- Department of Chemistry – University of Malta – Msida (Malta) Tel. +356-3-2902274, Telex 407 HIEDUX MW, Fax +356-3-30400/650615

Occupational of Environmental Hygiene in Animal Farming and Related Industries

Coordinatore: Prof.ssa Marina Musti –Dipartimento di Medicina Interna e Medicina Pubblica – Sez. di Medicina del Lavoro – P.zza G. Cesare – Policlinico – Bari (Italia) Tel. +39-080-5478209, Fax+39-080-5427300

School of Mediterranean Architecture

Coordinatore: Prof. Michael Burt –Technion –Israel Institut of Technology – faculty of Architectureand Town planning – Technion City, 3002 Haifa (Israel) Telex 46046 TECNO 16, Fax +972-494617

Genetics and Molecular Biology of Agricultural Crops and Forest Trees

Coordinatore: prof. Gian Tommaso Scarascia Mugnozza - Rettore Università degli Studi della Tuscia, Via San Giovanni Decollato,1 01100 Viterbo (Italia) Tel. +39-0761-3571/324687, Telex 614076 TUSVIT, Fax +39-0761-325785

Study school on Philosophical tradition within the mediterranean cultures

Coordinatore: Prof.ssa Ada Lamacchia- Cattedra di Storia della Filosofia – Dipartimento di Scienze Filosofiche – Università degli Studi di Bari (Italia) Tel. +39-080-5714289, Fax +39-080-5714262

School on “An introductionto Desalination Technologies”

Coordinatore: Prof. M. M: Misellati- International Energy Foundation – P.O. Box 83617 –Tripoli (Libya) Tel. +218-21-31832/4 – Fax +218-21-31831

Higth specialization school on mediterranean history

Coordinatore: Prof. Antonio Di Vittorio – Istituto di Storia Ecinomica- Facoltà di Economia e Commercio – Via Camillo Rosalba,53 –Bari (Italia) Tel. +39-080-5049228, Fax+39-080-5049222

M E D I T E R R A N E A N A W A R D

Whithin its activities CMU has set up the Mediterranean Award bestowed every two years upon a personality in world of research and culture.

In 1986	Fernand BRAUDEL	French writer
In 1988	Odisseus ELYTIS	Greek poet
In 1990	Tahar BEN JELLOUN	Maroccan writer
In 1992	René-March HABACHI	Lebanese philosopher
In 1994	Ünit ÜNLÜATA	Turkish oceanographer
In 1996	Federico MAYOR	UNESCO Director General
In 2000	Naguib MAHFOUZ	Egyptian writer

National Project

Territorial Pact for Employment in the North Area of the Province of Bari-Ofantino
Technical Assistance to the working up of Local Action Plan
Territorial Pact for the “Murge” Area

CRESCO Project
Education IRECOP
Mandated by I.G. S.p.A.
Technical and Scientific Assistance to CRESCO training course

Research Project on Labor-Intensive SMEs in Apulia
Mandated by OECD, “Bocconi” University – Milan
Project leader: IPRES
Partner:CMU

Development Plans

GAL (Local Action Group) MERIDAUNIA Development Plan (Leader II)

Regional Development Plan of the Province of Bari following Agenda 2000 guidelines

INTERNATIONAL COOPERATION PROJECTS

PROPOSAL FOR A PARTNERSHIP OF THE UNIVERSITIES OF CORRIDOR 8 OF THE EUROPEAN UNION

The Community of the Mediterranean Universities, the University of Bari, the Polytechnic of Bari, the University of Lecce, the University of Foggia, the Universities of Tirana and Elbasan, the University of Skopje, the Universities of Sofia, Plovdiv and Varna

Whereas

- a Final Declaration (encl. 1) was issued at the end of the works of the Quadrangular (Albania, Bulgaria, Italy, Macedonia) Meeting that took place in Bari on June 25, 1999;
- a Conference was organized in Tirana on October 22, 1999 entitled "Corridor 8: Euro-Balkan University Cooperation as a Springboard for the Civil and Socio-Economic Development of the Local Communities";
- the Corridor 8 Project plays a crucial role in the process of juridical, socio-economic and cultural integration of the euro-balkan area;

DHEREBY UNDERTAKE TO COOPERATE AND CARRY ON THE INITIATIVES THAT FOLLOW

1. drawing up of a "Corridor 8 Technical Sheet" intended to spread knowledge and information about the cultural, economic, juridical and religious conditions of the area in question as well as about the needs and opportunities of the local communities involved (once collected, all these data will be disseminated and published in the "Corridor 8 Report");
2. organization, even in collaboration with private partners, of master and/or perfectionment courses in those fields where the necessity of more in-depth studies is most felt the objective of this initiative is to develop the cultural levels of the adhering countries by boosting the different forms of higher education (traditional: undergraduate courses, master courses, etc., and innovative: organization of workshops and promotion of cultural institutions to improve the awareness of the general public);
3. working out of studies and projects on topics of specific interest agreed upon with the local communities interested in the area covered by Corridor 8;
4. supply of services of support and specialized assistance to the local communities in the production sectors to be developed;
5. organization of conferences, meetings, workshops to disseminate education to solidarity and cooperation amongst Corridor 8 local communities;
6. setting up of "Jean Monnet Chairs" at the universities touched by Corridor 8 (Bari, Lecce, Tirana, Skopje, Sofia, Varna) to raise the public awareness of the issue of euro-balkan integration;
7. enlargement of the "European Volunteer Service" to the Balkan Countries touched by Corridor 8 (Albania, Macedonia, Bulgaria); this would result in the involvement of undergraduate students (from 18 to 25) in local development projects promoted by the local authorities for periods ranging from 6 to 12 months;
8. setting up of an Observatory on Education and Research (proposal already accepted by Unesco and by the Ambassadors of the Mediterranean Countries at Unesco);
9. setting up of a Center of Balkans Interculturality for capitalization on and spreading of the humanities;

This initiative concerning Corridor 8 is linked to the l'Euro-Asia Transcontinental Link TRA. C.E. C.A. (TRANsport Corridor Europe Caucasus Asia) which is destined to link Southern Italy to the Balkans, the Black Sea, the Caucasus and Central Asia as it represents its natural continuation towards east, from Burgas/Varna to Poti/Batumi - Yereva - Baku - Turkmenbashi (a Memorandum of Understanding con-

cerning this Link was signed on September 3, 1997 by the interested countries).

It is also our intention to involve both Unesco and the Academies of Sciences of the adhering countries in this initiative at a later stage.

Nevertheless the scheme of this proposal remains open to participation of other local communities and cultural institutions (academies, scientific institutions, research centers, associations, etc.) as it accounts for a strategic opportunity likely to trigger the mechanisms of civil and social development for the populations living along Corridor 8 itself.

On the basis of the above program the Universities hereby state their availability to subscribe to a Permanent Partnership of the Universities of the Corridor 8 Countries.

Enclosure to the program of partnership of the universities of corridor 8

The globalization of the economy and of the supranational integration processes is by now a long-term trend.

By its nature and dynamism, the university system usually operates by means of networks and relation systems organized essentially on a disciplinary basis.

In addition to these “natural” communication processes and to the number of protocols of understanding and bilateral agreements already existing between universities, it would be desirable to promote forms of organizational and relational “networks” (likely to be supported by a telematic infrastructure by now widespread and “user friendly”) linking the University poles of the different Mediterranean Countries.

CMU is already operating in this direction with sectorial projects and initiatives meant to reinforce the cultural links among the universities adhering to its organization.

A specific aspect of the problem has to do with what we call Corridor 8.

A cultural, scientific and educational “ridge” could be hypothesized linking Corridor 8 Universities on the basis of an intrauniversity cooperation between the Apulian Universities and the Universities of those countries with which bilateral cooperation agreements are already under way.

In more general terms:

fi the design and the establishment of an Observatory on Culture and Research should meet the needs for an enhancement of the capacities and of the results of the academic research of carried out in the entire Mediterranean area through a set of functions including:

- a register of bilateral and multilateral cooperation agreements;

- a catalogue of the capacities of the individual universities;

- a bridged guide of the research groups working at the different Universities and of the contents of their projects;

- an on-line directory of professors and researchers (with relevant self-produced CVs);

- Etc..

The design and the subsequent establishment of an “Open University”.

The bearing structure of the Open University will be made up of the Digital University as an integration to:

- the scientific and didactic know how that will be put at the disposal of the Universities involved by means of the content of the courses given, of the didactic devices used, of the professors, tutors and of the other academic instruments used;

- information and multimedia technologies starting from the Internet.

Signed by:

University of Lecce

University of Elbasan

President of Bulgarian Rectors' Conference

University of Skopje

University of Foggia

PROJECT OF A MEDITERRANEAN INTERGOVERNMENTAL ORGANIZATION FOR THE DIFFUSION OF ENDEMISMS

The main aims of the Organization can be summarized in three essential objectives:

- 1) understanding the extent of the endemisms present in Albania and, in general, in the Mediterranean Basin;
- 2) safeguarding and preserving their biodiversity;
- 3) promoting capitalization on these species by preventing their degradation, by limiting their genetic erosion, and by being prepared to cope with future transformations;
- 4) supporting actions targeted at re-diffusing the above endemisms within the Mediterranean in view of restoring the by now seriously degraded environments.

The aims of this Organization will be: to preserve the national biological wealth of the Albanian territory; to recognize and appreciate its values; to make sure a sustainable use of it by introducing ways and methods to guarantee knowledge, conservation and capitalization on biodiversity in the long run.

The research will be carried out along three main axes:

- acquisition of scientific documents;
- understanding of roles and functions of genes, species and ecosystems;
- understanding relationships between natural and modified environments
- promoting the awareness of the importance of biodiversity in the population.

The project shall necessarily start from the establishment of a rich series of data concerning the endemisms supplemented by a more general study on the environment, vegetation and land use.

To this end surveying campaigns should be carried out by locating the sites by means of GPS; this would allow for the creation of a floristic cartography of the Albanian endemisms for them to be more readily detected and monitored.

In addition the project envisages to produce:

an illustrated atlas of the naturalist species

a brochure containing the photos of the Albanian species as well as information, both in Italian and in Albanian, about them. This is intended to disseminate knowledge of and capitalize on the Albanian species and their environmental context in view of the promotion of a cultural tourist circuit which is one of the complementary strategies of action of the Organization.

In order to guarantee that the geological resources keep their production potentials as well as to make sure that biodiversity is used to improve the human condition, the Organization shall find modes and tools for:

guaranteeing a fair distribution of the economic and cultural costs and benefits;

defining modes, timetables and forms of hunting, fishery, harvesting of wild material and halting any harvesting or illegal commerce of wild life;

preserving popular traditions;

improving capacities to manage populations of plants and animals both wild and domestic.

The conservation action shall take place both:

in situ;

ex situ.

The in situ conservation measures for the endemisms can be carried out by:

safeguarding them in anthropic environments;

rehabilitating habitats and populations;

preserving domestic plants and animals.

The ex situ conservation measures for the endemic species can, instead, take place at specialized centers and botanic gardens both in Albania and in the Mediterranean. This would multiply the possibilities to find some rare species (that have difficulties in taking root or have disappeared from one single collection) at other facilities.

In addition seminars will be organized in two phases:

A) In Italy, at the Departments and Institutes concerned, to develop surveying and identification techniques and spread the use of the required instruments of recognition and recording including GPS as well as the use of GISs and data bases;

B) In Albania, with both class and field lectures with the participation of Italian, Albanian and Mediterranean Basin experts. This will be a "side-by-side" education intended to homogenize the scientific personnel involved.

There will also be "pilot projects".

As to "knowledge", the creation of a database has been envisaged for the most significant endemics of plants and animals.

Within the framework of "knowledge building" a pilot project will be organized in the field of international postgraduate education with the objective of assessing the feasibility of an experimental postgraduate education program and studying the legal, technical, financial and market conditions for the activation of higher education courses, short a training courses, post-graduates doctorates and masters whose international equivalence will be guaranteed by the intergovernmental nature of the proposed Organization.

As to "conservation", some "pilot" fields will be organized for the cultivation of Albanian endemic species to guarantee their re-diffusion on the Mediterranean territory.

In terms of "re-diffusion", it has been envisaged to utilize some previously degraded Mediterranean crops recently reclaimed a species-specific environment-friendly manner.

Some common experiments will be performed in terms of laboratory methods of multiplication of plant species considered to be endemic by putting at the disposal of our Albanian colleagues the capacities present in the laboratories of the CMU Universities participating in the project.

By the same token, as far as fauna is concerned, some in situ experimental campaigns will be organized (of which one marine, at least) for the detection of those rare endemics on the Albanian territory that have by now almost totally disappeared from the other parts of the Basin due to overexploitation (e.g. fishery, farming) and to the substantial modifications of the ecosystems. To this end the contribution of expert geologists is crucial as they are able to explore the texture of the soil, and in general, of the substratum that has been degraded by the destructive-action of man. Suffice it to think, for example, of the hydro-geologic imbalance that, with landslides and floods, resulted in the disappearance of entire ecosystems and therefore in the loss of the Mediterranean flora and fauna wealth which owed its importance to its endemic nature.

It will be also necessary to exchange the results obtained, a step likely to represent the starting point for the experimentation of new modes of development based on the utilization of the natural genetic resources present in one of the last territories virtually intact in Europe.

This experimentation will also lead to the organization of stages addressed to the main European Institutions dealing with germoplasma and nature conservation.

At the end of the research the publication of illustrated synthetic files is envisaged which will contain the results obtained and the indication of the major endemics found.

These files shall be forwarded to all the International Organizations concerned with Biodiversity and Endemics at different levels. This will be a first, substantial contribution to the entire body of the scientific knowledge of the world.

The creation of a WEB page has also been envisaged which will be linked to the major sites dealing with Biodiversity and Endemics in the world. No doubt, this will account for the most rapid and safe system to guarantee a capillary and far-reaching dissemination of the results.

The involvement of local resources is also desirable through twinings and agreements for local forces to acquire the know how required and manage the initiative in full autonomy.

This activity will be easily guaranteed by the CMU, that is itself a network organization that involves 168 universities and research centers belonging to 20 countries bordering on the Mediterranean Basin (see documentation enclosed hereto).

This great capacity of CMU to gather Universities and Research Centers with all their specialized capacities and historical and cultural resources, which are so important and relevant to the proposed project (think, for ex, of the great wealth of books and scientific journals present in the libraries of the universities which contain most of the data available on Mediterranean endemics), will make of this activity a natural phase of the scientific route leading to the setting up of the OME.

RESEARCH PROJECTS

“Marine Spray and Polluted Atmosphere as Factors of Damage to Monuments in the Mediterranean Coastal Environments” (1992)

Coordinator: Prof. Fulvio Zezza

Università di Bari; Università di Sevilla; Università di Atene; National Museum of Archaeology of Malta; University of Antwerp Belgium; Lab. Engineering Geology-Hydrogeology; Dept. of Geology & Physical Geography; School of Geology; Aristotele University of Thessaloniki Greece; Geologisches Institut; Rheinisch-Westfälische Technische Hochschule; Aachen Germany; Laboratorio de Mineralogia e Petrologia; Instituto Superior Tecnico; Lisbon Portugal; Soprintendenza ai Beni Artistici e Storici di Venezia; Università di Venezia.

“Progetto Socrates – Lingua Azione 1B” (1996)

Coordinator: Prof. Giovanni Dotoli

Università di Bari; Université de la Sorbonne Nouvelle Paris 3; Centro de Profesores De Lora del Rio Siviglia; Escola Superior de Educacao Santarem

“Development of evaluation criteria, prediction and control methods concerning sea-salt effects on monument stones” (1996)

Coordinator: Prof. Fulvio Zezza

Université de la Rochelle, Laboratoire de Construction Civile et Maritime France, Universitaire Instelling Antwerpen, Department of Chemistry, Micro and Trade Analysis Centre of Belgium

“Advanced disinfection and health-care aspects of wastewater reclamation and reuse in agriculture in Mediterranean regions (Avicenne 1995)”

Coordinator: Prof. Lorenzo Liberti

Politecnico di Bari; Hebrew University of Jerusalem; University of Portsmouth; University of Malta; Universitat Autònoma de Barcelona; University Hassan II Egitto

“Réseau Européen de Coopération en Tourisme Rural RECOTOUR-PECO (ECOS OUVERTURE)” (1997)

Coordinateur: Mr. Michel Gregoire

Syndicat d'aménagement des Baronnie (Rhône-Alpes) France; Mancomunidad de los Campos Góticos Valladolid Espagne; Conseil Départemental de Suceava Roumanie; Municipalité de Sandanski Bulgarie; Municipalité de Shkodra Albanie; CUM.

“Juridical-Economic Integration of the Eurobalkan Area (Albania, Montenegro, Croatia): Education and Assistance to Reconstruction and Development” (1997-98).

Coordinator and Project Leader: CMU

Mandated by the Italian Ministry of Foreign Trade.

University of Podgorica Montenegro, University of Tirana.

Emilia Romagna Consortium of Production and Labor Cooperatives.

"Characterization of large pelagic stocks in the Mediterranean" (1992)

Coordinatore: Prof. Gregorio De Metrio (CUM)

Università di Bari; Università di Genova; IMBC - Università di Atene; IFREMER (Francia); IEO (Spagna).

“ Investigations on abundance indices of purse seine bluefin tuna catches in the Mediterranean Sea by observers on board” (1995)

Coordinatore: Prof. Jose Luis Cort

Università di Bari; Università di Genova; IMBC - Università di Atene; IFREMER (Francia); IEO (Spagna); CUM

"Catches of juvenile bluefin tuna and swordfish during the albacore long-line Fishery in the Mediterranean" (1995)

Coordinatore: Prof. Gregorio De Metrio (CUM)

Università di Bari; Università di Messina; Università di Atene

“Study of fishing and biology of Juvenile Bluefin tuna from 0-1 age class in the Mediterranean and Eastern Atlantic” (1996)

Coordinatore: Prof. Carles Pla

Università di Bari; Università di Genova; IMBC - Università di Atene; IFREMER (Francia); IEO; Università di Girona; CUM

“Study of alternatives for net location and for identification: technical devices (1996)

Coordinatore: Dr. Enrique Perez Vazquez

(CONTRONET) CUM

“Incidence of the Clupeids purse seines on small tunas and tunas (by catch quantification in the Mediterranean biology and dynamics of their early life)” (1997)

Coordinatore: Prof. Costas Yannopoulos (CUM)

Università di Bari; Università di Atene; IEO (Spagna)

“Regulatory discard of swordfish: effectiveness of the EU regulation regarding the catch minimum size of swordfish in the Mediterranean” (1998)

Coordinatore: Prof. Gregorio De Metrio (CUM)

Università di Bari (Lab. Biol. Marina Bari, Aquastudio); Università di Atene; IEO (Spagna)

“Major improvements in our knowledge of eastern Atlantic Bluefin tuna in the Mediterranean (Fisheries, Statistics and Biology)” (1998)

Coordinatore: Dr. Bernard Liorzou

Università di Bari; Università di Genova; Aquastudio Messina; Università di Atene; IEO (Spagna); IFREMER (Francia); Università di Duesseldorf; CUM

“The swordfish fishery in the Central and eastern Mediterranean Sea” (1998)

Coordinatore: Dr. George Tserpes

Università di Bari; Aquastudio Messina; IMBC Università di Patrasso; CUM

“By catches and discards of sharks in large pelagic fisheries in the Mediterranean sea” (1998)

Coordinatore: Dr.ssa Persefoni Megalofonou (CUM)

Università di Bari; Università di Atene; IEO (Spagna)

“Assessing marine turtle bycatch in European drifting longlines and trawl fisheries for identifying fishing regulations” (1999)

Coordinatore: Dr. Luc Laurent

Università di Bari; BIOINSIGHT (Francia); STPS, IMBC (Grecia); IEO (Spagna) CUM

MEDCAMPUS

1992-1993

“Methodologies and Technologies for Distance Education in Mediterranean”

“Formation des Formateurs au Liban dans l’Aménagement du Milieu Marin”

“Langues Étrangères et Nouvelles Méthodologies: Didactique et Traduction”

“Training Programme on Renewable Sources of Energy and Their Applications”

“Decontamination and Reutilisation of Water”

MEDCAMPUS

1993

“Methodologies and Technologies for Distance Education in Mediterranean”

“Formation des Formateurs au Liban dans l’Aménagement du Milieu Marin et des Ressources Au Liban: Seconde Phase”

“Langues étrangères et nouvelles méthodologies: L’élaboration de dictionnaires bilingues électroniques”

“Training Course on Renewable Energy Sources and Their Practical Applications in the Mediterranean Region”

MEDCAMPUS

1994-1995

“Methodologies and Technologies for Distance Education in Mediterranean”

“L’Enseignement des Langues avec les nouveaux moyens techniques”

“Training Courses on Cooperation Between Physician and Veterinarians with Special Reference to Occupational hazard in Agriculture and animal related industries”

“Environmental Hazards and Regulation”

TRAINING COURSES

NETWORK IN ENVIRONMENTAL HEALTH

Staff training through lectures, environmental surveys, and assessment of pollutants and biological indicators.

Promoter: UNESCO - Participating Bodies: Fondazione Clinica del Lavoro-Pavia, Center of Environmental Health -Bari, Institute of Occupational Medicine of the University of Bari, Institute of Occupational Medicine of the University of Malta - Project N° 105 034-4 UNITWIN PROGRAM

Interventi effettuati in Albania dal 1993 al 1995

Tirana	Theoretical Course of Public Medicine
Durazzo	Theoretical Course on the different Aspects of Industrial Hygiene and Toxicology
Fier	Screening of about 600 subjects for suspected food intoxication with lead
Rubik	Environmental and biological monitoring of copper producing plant workers
Berat	Environmental and biological monitoring of electric accumulator producing plant workers
Tirana	Environmental and biological monitoring of printing house workers (civilian)
Tirana	Environmental and biological monitoring of printing house workers (military)
Fier	Environmental monitoring of hydrocarbon risk at a refinery
Marines (Fier)	Environmental monitoring of hydrocarbon risk in an oil-producing area.

IMPLEMENTATION OF “MISURA 2” EDUCATION 1994-1999. SUBPROGRAM URBAN-FOGGIA.

MASTER course for experts in capitalization on and management of minor tourist heritage within the framework of the 1994-1999 Program Urban-Foggia.

MASTER course for experts in maintenance of cultural heritage within the framework of the 1994-1999 Program Urban-Foggia.

JEAN MONNET ACTION -EUROPEAN MODULES - .E.U.DG X-CMU (PROF. C. NOTARSTEFANO)

E.U. Economic and Social Cohesion Policy - Polytechnic of Bari, Faculty of Architecture 1998-2005.

E.U. Public Health Policy - University of Bari, Faculty of Medicine - Department of Internal and Public Medicine 1999-2006

ISUFI MASTER - UNIVERSITY OF LECCE

Master in National and Supranational Market and Public Policy Disciplines.

ISUFI: Interdisciplinary Education University Institute - Universities of Lecce, Bari, Florence, Milan (State and Catholic Universities), St. Anne Higher School, Pisa.

Master in Advance Materials and Technologies (Advanced Course for the Design and the Management of Innovative Products and Processes).

ISUFI Interdisciplinary Education University Institute - Universities of Lecce, Bari, Padua, Naples (Federico II), Polytechnic of Bari, Italian Space Agency, Rome, Central Institute of Restoration, Ministry of the Cultural Heritage, ENEA, ELASIS Innovation Department.

C.M.U. SERIES

1. **Atti Conferenza sulla cooperazione scientifica tra le Università del Mare Mediterraneo**, sotto l'Alto Patronato del Presidente della Repubblica Italiana. Università degli Studi di Bari, 19-21 maggio 1983, Bari, Università di Bari, 1983, 240 p.
2. **Microprocessor advanced Architectures and Design Methodologies. First biennial Meeting of the C.M.U. on Micro-computers and their applications.** Bari, October 29-31 1986, edited by Mario De Blasi and Emilio Luque, Bari, Ed. Fratelli Laterza, 1986, 250 p.
3. **Atti della Seconda Assemblea plenaria della Comunità delle Università Mediterranee**, sotto l'Alto Patronato del Presidente della Repubblica Italiana. Università degli Studi di Ancona, 6-7 giugno 1986, Ancona, Università di Ancona e C.M.U., 1987, 120 p.
4. **Education and Application of Computer Technology. Second biennial Meeting of the C.M.U. on Microcomputers and their applications.** Malta, October 17-21 1988, edited by Mario De Blasi, Jean Donio, Emilio Luque and Edward Scerri, Bari, Ed. Fratelli Laterza, 1988, 716 p.
5. **Atti della Terza Assemblea Plenaria della Comunità delle Università Mediterranee**, sotto l'Alto Patronato del Presidente della Repubblica di Malta. Università degli Studi di Malta, 10-11 giugno 1988, a cura di Giovanni Dotoli, Bari, C.M.U., 1989, 186 p.
6. **Jean Olivier, Liure de plusieurs plans des ports & rades de la Mer Méditerranée et de l'Océan, avec les villes et forts, les sondes marquees par brasses de cinq pieds le tout exactement tirez par l'observation des triangles**,
a cura di/par Giovanni Dotoli, Fasano, Schena, 1990, 260 p.
7. **Atti della Quarta Assemblea Plenaria della Comunità delle Università Mediterranee.** Università Cady Ayyad - Marrakech, 14-17 maggio 1990, a cura di Giovanni Dotoli, Bari, C.M.U., 1992, 228 p.
8. **Education and Application of Computer Technology. Third biennial Meeting of the C.M.U. on Microcomputers and their applications.** Sant Feliu de Guixols, Spain, September 10-14, 1990, edited by Mario De Blasi, Emilio Luque and Edward Scerri, Bari, Ed. Fratelli Laterza, 1990, 715 p.
9. **Minorités: Réalités et Aspirations. 1ère Session-été 1990 de l'École Universitaire CUM de Droit pour les pays Méditerranéens de Kaslik**,
Liban Aout 24-16 Sptembre 1990, éd. par Antoine Khalife, Kaslik, USEK, 1991, 160 p.
10. **Les Incidences de la Pollution du Milieu Marin Méditerranéen sur le Droit Maritime 1re Meeting de l'École Universitaire CUM de Droit pour les pays Méditerranéens.** Byblos, Liban Juillet 4-6, 1991, éd. par Antoine Khalife, Kaslik, Imprimerie St. Paul Jounieh, 1992, 188 p.
11. **Poésie Méditerranéenne d'Expression Française 1945-1990**,
par Giovanni Dotoli - Fasano-Paris, Schena-Nizet, 1991, 686 p.
12. **D'Ambrosio. Bibliographie Méthodique de la Poésie Maghrébine de Langue Française 1945-1989**,
Fasano-Paris, Schena-Nizet, 1991, 214 p.p.
13. **Weathering and air pollution. 1^a Corso della Scuola Universitaria CUM Conservazione dei Monumenti**, Lago di Garda (Portese)-Venezia Milano, 2-9 settembre 1991, edited by Fulvio Zezza, Bari, Adda, 1992, 284 p.
14. **Régimes et Systèmes Constitutionnels des Pays Méditerranéens de la École Universitaire CUM de Droit pour les pays Méditerranéens.** Kaslik Liban - 1-19 Septembre 1992, éd. par Antoine Khalife, Kaslik, Imprimerie St. Paul Jounieh, 1994, 282 p.

15. **News - red. CUM** dir. G.Dotoli, Grafischena Fasano
16. **Atti della Quinta Assemblea Plenaria della Comunità delle Università Mediterranee.** Università di Atene (Grecia) 22-23 giugno 1992, a cura di Giovanni Dotoli, Bari, C.M.U., 1993 215 p.
17. **Stone Material in Monuments: Diagnosis and conservation. 2° Corso della Scuola Universitaria CUM Conservazione dei Monumenti,** Heraklion-Crete (Grecia) 24-30 May 1993, edited by Fulvio Zezza, Bari, Adda, 1994, 222 p.
18. **La Personne Humaine Face au Droit Dans les Pays Méditerranéens - Meeting de l'École Universitaire CUM de Droit pour les pays Méditerranéens.** Byblos, Liban 16,17,18 Septembre 1993, éd. par Antoine Khalife, Kaslik, Imprimerie St. Paul Jounieh, 1994, 190 p.
19. **The Jews a Mediterranean Culture -Progetto Cultura Mediterranea -** diretto da Giovanni Dotoli - Kenneth Stow - ed.Schena - 1994,Fasano, p.150
20. **Lingua Franca - Rivista della Scuola Universitaria CUM di Lingue Mediterranee -** coll. Laboratoire d'Automatique Documentaire et Linguistique (L.A.D.L. - Università di Parigi 7) - Centro Linguistico e Audiovisivi Universitario (C.L.A.U. - Università di Torino) Direttore Responsabile Giovanni Dotoli - N.1 1994 . ed. Schena - Fasano , 117 p.
21. **Approche aux, Cultures Méditerranéennes Des Origines - Progetto Cultura Mediterranea -** diretto da Giovanni Dotoli - Antoine Kassis - ed. Schena - 1995, Fasano, p.174.
22. **The Conservation Project: knowledge of the functional elements for the planning of interventions and geotechnical aspects of the protection – 3° Corso della Scuola Universitaria CUM Conservazione dei Monumenti -** Gargnano - Limone sul Garda 4-9 settembre 1995 - Direttore Zezza - in collaborazione con E.U. - DG XII - Science, Research and Development - Arti Grafiche Pugliesi s.n.c. ottobre 1995, Martinafranca (TA), ed.Mario Adda- Bari, p.256 .
23. **Atti della Sesta Assemblea Plenaria della C.U.M. -** Istituto Universitario Navale di Napoli - Italia - 16-18 settembre 1994, a cura di Giovanni Dotoli, Bari, C.M.U., 1995, 285 p.
24. **Mediterraneo ieri, oggi, domani -** Responsabile Giovanni Dotoli - Cacucci Editore - Bari 1997, 211 p.
25. **Protection and Conservation on the European Cultural Heritage Research Report n.4 - Environment and Climate -** University CUM School Monument Conservation diretta dal Fulvio Zezza - Scientific Editor- Printed Tecnomack - Bari gennaio 1997, 500 p.
26. **Les Valeurs de la Personne Chez les Peuples de la Méditerranée (The values of the “person” among the Mediterranean peoples)** A cura di G. Papagno e J. Trilla -Pubblicato da Uniongrafica Corcelli - Bari - CUM - maggio 1997 , 75 p.
27. **Atti della Settima Assemblea Plenaria della C.U.M. -** Hotel Shepheard Cairo (Egitto) 22-23 marzo 1997, a cura della C.U.M., Bari, 1997, 177 p.
28. **La méditerranée.** – Periodico pubblicato da Uniongrafica Corcelli – Bari CUM
29. **Protection Juridique des Touristes et intégration Européenne – Bilan et perspectives** Cosimo Notarstefano – Cacucci Editore – Bari , 247 p.
30. **Analisi delle tendenze e dei mutamenti in atto nel turismo internazionale in riferimento all'industria turistica italiana e alla variabile ambientale necessaria per uno sviluppo turistico sostenibile.** Cosimo Notarstefano – Bari, 1997, 47 p.
31. **Considérations sur l'État de la Recherche Scientifique dans la Méditerranée** (Considerations on the State of Scientific Research in the Mediterranean basin) A cura di C. Di Benedetta – Pubblicato dalla Uniongrafica Corcelli – Bari – 1999, 95 p.
32. **Valorizzazione delle risorse turistiche della regione di Scutari- Programma Ecos-Ouverture Phare - Progetto Recotour** A cura di Cosimo Notarstefano - CUM, Bari , 1999, 52 p.
33. **Contributo alla disciplina delle professioni turistiche: lineamenti giuridici ed evoluzione normativa** Cosimo Notarstefano – Bari, 2000, 50 p.

Proposal for CMU Regulations for the obtaining of the specialized title of MASTER in the Mediterranean University Schools

The Council of the CMU in giving its support to a course must be guided by the general criterion of assessing the overall validity of the programme in relation to the real training needs in the Mediterranean area. The candidates must be university graduates.

The training process involves both narrowly didactic meetings and research activities.

Didactics, largely carried out with interactive methodologies, should develop awareness and professional and cultural behaviour consistent with the area of specialization.

The training process is concluded with the discussion of a thesis on a subject chosen by the teaching staff also on the basis of proposals from the students.

Naturally, the training process must include a systematic and formalized assessment of the individual participants also with reference to the applied activity carried out.

The official languages are: French, English, Italian and Spanish.

Requirements of the Programme

Admission - With the aim of verifying the potentialities of the candidates.

Three distinct phases:

- a) curriculum of studies and professional experience
- b) interview - test of general culture
- c) written examination

Didactics

The course lasts two years.

The minimum overall duration of the didactic activity cannot be less than 1400 hours including

lessons, discussions, class exercises, lectures by experts in the specialized sector, studies in the lecture hall, thesis preparation in the library, laboratory or lecture hall under the supervision of a teacher (tutor).

Each student will be assigned to a teacher in the role of tutor for all the didactic activity and preparation of the masters thesis. Each course must be divided into thematic areas.

Teachers

They must have matured at least 3 years of significant documented didactic experience and it is preferable that they come from the Universities.

The masters programmes must count on a number of permanent teachers suitably included in the didactic process.

The teachers are directly responsible for the didactics of the courses and form the Scientific Committee of the School.

Every masters programme must foresee a minimum number of 10 members of the teaching staff with a commitment to lesson cycles of at least 15 days a year and coming from at least 5 Universities of the Mediterranean countries.

The didactic must take into account the necessity to develop awareness and ability and professional behaviour.

The maximum number of students on each course must not be greater than 20.

The didactic activities must be carried out principally in Universities and involve the University associated to the CMU which is the course centre.

There can be a financial contribution by the participants on the course in order to partially cover the expenses.

Assessment of results

This should be carried out by means of examinations (written and/or oral) during the course and at the end of the programme.

The candidate who has passed the courses must complete a masters thesis in a didactic area chosen by him.

Miscellaneous

In order to have the support of the Council of the CMU for a Course it is necessary to provide an economic plan of all the didactic and research activities programmed for the two years.

Contributions by the students can be required.

PERMANENT COMMISSION FOR MEDITERRANEAN INTERCULTURAL

Bari - march 7, 1998

Participants:

- Prof. Luigi AMBROSI (President C.M.U.)
- Prof. Khaled FOUAD ALLAM - Trieste(Italy)
- Arch. Michele CAPASSO - Napoli(Italy)
- Dott. Domenico FAZIO - Roma(Italy)
- Prof. Giuseppe PAPAGNO - Parma(Italy)
- Prof.ssa Giovanna TRISOLINI - Trieste(Italy)
- Prof.ssa Emel DOGRAMACI - Turkey
- Prof. Hassan ARFAOUI -France
- Prof. Mohamed KNIDIRI - Morocco
- Prof. Ronald G. SULTANA - Malta
- Dott. Jean Claude PETIT - France
- Prof. Sotirios VARNALIDIS- Greece
- Prof. Shlomo SIMONSOHN - Israel
- Prof. Jalloul JE'RIBI - Tunisia
- Dr. Mohammed EL SAYED SELIM - Egypt
- Dr. Emmanuel AGIUS - Malta
- Prof. Rafael PINILLA - Spain
- Prof. Josep TRILLA - Spain
- Prof. Giorgio OTRANTO - Bari(Italy)
- Prof. Filippo CASAMASSIMA - Bari(Italy)
- Prof. Mauro CIVITA - Bari(Italy)
- Prof. Raffaele COPPOLA - Bari(Italy)
- Prof. Gaetano DAMMACCO - Bari(Italy)
- Prof. AntonGiulio dè ROBERTIS - Bari(Italy)
- Dott.ssa Alessandra DI BENEDETTA - Bari(Italy)
- Prof. Carlo DI BENEDETTA - Bari(Italy)
- Prof. Giovanni DOTOLI - Bari(Italy)
- Prof. Franco LOSURDO - Bari(Italy)
- Padre Salvatore MANNA - Bari(Italy)
- Prof. Cosimo NOTARSTEFANO - Bari(Italy)
- Prof.ssa Anna PORTOGHESE - Bari(Italy)
- Prof. Francesco SIDOTI - L'Aquila(Italy)

Synopsis of the march 7, 1998 session

During his opening speech Prof. Ambrosi illustrates the rationale and the aims of the Commission. In his words: Faced with the escalation of violence in the Mediterranean area, intellectuals are more and more required to take decisive steps to counteract the situation. The participants are therefore asked whether or not they think there are absolute conditions which decree incompatibility among the basic principles underlying the single Mediterranean cultures which may prevent the creation of an intercultural society which, even recognizing the ethnic and cultural peculiarities of each and every country, can lead to cooperation and peaceful coexistence amongst the peoples of the Mediterranean Basin.

All the participants agree with Prof. Ambrosi's proposal and express their conviction that there are no absolute conditions which decree incompatibility and hinder the creation of a Mediterranean intercultural society. Therefore they also agree with the proposal of involving the Universities and the Cultural Centres of each Mediterranean Country in view of accelerating the process of intercultural awareness.

The discussion on this topic sees the active participation of all the delegates.

In short at the end of the discussion the following elements and proposals emerged:

fi A - the need for organizing higher education, above all in the Universities, focusing on the values of the person as well as on the intercultural processes. University students, as recognized and emphasized by all the participants, are the most appropriate "tool" to create the foundations of an intercultural dialogue. For this aim to be achieved better and unbiased understanding of the individual cultures is required freed from the still frequent manipulation.

Universities cannot confine themselves to providing only a specialized education. Quite the contrary, they have to become places where global education is provided which may enable students to be acquainted with the role that each and every culture played and may still be able to play in the education of the Mediterranean Man. Hence the necessity of revisiting and re-writing some textbooks, above all those of Mediterranean History.

Other actions that, as wished, could be set in motion are as follows:

implementation of optional training courses focusing on the in-depth study of the Mediterranean cultures;

setting up of undergraduate courses in "Sciences and Techniques of Mediterranean Interculturality";

setting up of specific doctorate and master courses;

transfer of the debate on interculturality to the political level;

publication of a monograph on the "Peculiarities of the Mediterranean" to be disseminated in all the Universities as a basis for organizing the relevant courses.

As wished, these initiatives should accelerate the process of recognition of the degrees awarded by the Universities at the various levels, a process pursued in cooperation with supranational organizations such as UNESCO, the Council of Europe, the European Union).

fi B - the enhancement of mutual cultural relations should also rely on more advanced communication technologies.

Therefore mass media (radio, TV, newspapers) have to be made more aware of and involved in the activities of the Commission. In the near future a WEB site will be set up and a periodical on interculturality issued. All the members of the Commission as well as all the intellectuals of the Mediterranean are therefore invited to submit their proposals and projects on the topic of interculturality.

The involvement of mass media is expected to lead to a progressive integration, without prevarication, of the apparently diverse aspects of the diverse ethnic and sociocultural attitudes.

fi C - the need to conduct research and comparative studies of the different cultures focusing on those shared cultural elements which may lay the foundations of a peaceful coexistence based on dialogue, mutuality and solidarity.

To this purpose the Commission deems it to be useful to establish relationships with the organizations that, at various levels, operate in the field of peace-keeping.

At the end of the meeting the President undertakes to include the topic of Mediterranean interculturality in the agenda of the next CMU General Meeting and states CMU's availability to act as a "focal-point" in receiving, transmitting and circulating the information and the proposals received in all the Mediterranean Universities. In addition the President deems it to be useful to begin to examine and explore in the near future the actual potentials in terms of intercultural cooperation in such fields as religion, history, sociology, environment, economy, etc.

MEETING OF THE RECTORS OF THE MEDITERRANEAN POLYTECHNICS

Bari - March 28, 1998

Partecipants:

- _ Prof. Ambrosi Luigi - President C.M.U.
- _ Arch. Capasso Michele - Director of "Fondazione Laboratorio Mediterraneo"
- _ Prof. El-Sherbiny M. G. - Dean Faculty of Engineering - University of Cairo
- _ Prof. Gutfinger Chaim - Vice-President - Technion Israel Institute of Technology
- _ Prof. Hadhri Taïeb - Direttore - Ecole Polytechnique de Tunisie
- _ Prof. Marovic Pavao - Vice-Rector - University of Split
- _ Dr. Micallef Paul - Head Dept Communication and Computer Engineering - University of Malta
- _ Prof. Mouhtadi Mohammed - Doyen de la Faculté des Sciences - Université Ibnou Zohr
- _ Prof. Pagés Jaume - Rector - Universitat Politècnica de Catalunya
- _ Prof. Skuletic Sreten - Vice-Rector - University of Montenegro
- _ Prof. Xirokostas Dimitrios - Dept. of Mechanical Engineering National Technical - University of Athens.
- _ Prof. Dammacco Gaetano - University of Bari
- _ Prof. Di Benedetto Carlo - University of Bari
- _ Prof. Losurdo Franco - University of Bari
- _ Prof. Plantamura Leonardo - University of Bari
- _ Prof. Notarstefano Cosimo - University of Sannio
- _ Prof. Fortunato Bernardo - Vice-Rector of the Polytechnic of Bari
- _ Prof. Ruggiero Umberto - Polytechnic of Bari
- _ Prof. Zezza Fulvio - Polytechnic of Bari
- _ Prof. Civita Mauro - Polytechnic of Bari
- _ Prof. De Blasi Mario - University of Lecce

1. Socio-economic observatory of the mediterranean

The project is illustrated by Prof. Vito Plantamura (University of Bari),

The ensuing discussion sees the participation of the following:

Prof. El-Sherbing emphasizes the need for a small-scale experimentation model;

Prof. Gutfinger draws the attention on the issue of software and organizational protocols;

Prof. Hadhri raises the issue of the nature of the data to be created and processed;

Prof. Xirokostas agrees on the possibility of utilizing the Observatory in the different sectors;

Mr. Micallef reiterates the urgent need for networking the experiences of the Mediterranean Polytechnics and, upon indication from Prof. Ambrosi, the participants express their agreement on establishing contact regional groups as operational antennas of the Virtual Observatory.

2. Cataloguing of the mediterranean cultural heritage

The project is illustrated by Mr. Capasso, architect (Naples) meeting the consensus of the whole assembly. Thereafter the availability of the individual participants is assessed in terms of participation in the preparation of a project to submit to the European Union.

3. Integrated developpement of rural and coastal areas

Architect Capasso proposes the setting up of an Observatory on the Mediterranean coasts that are afflicted by the problem of erosion, and by many other adverse effects of human activities. There exists a direct relationship between settlement of human beings on the coasts and impoverishment of rural areas. The present trends are characterized by the simultaneous the creation of megalopolis and the abandonment of rural areas. Therefore a project focusing on socioeconomic and settlement-related relationships between towns-coasts-rural areas is likely to gain acceptance and find application in MTCs. To this purpose architect Capasso informs the participants that a project focused on this issue has already been put in motion on the initiative of France, Greece and Spain but many have been the difficulties emerged in terms of the transferring of the initiative to MTCs due to the lack of any prior monitoring study on the issues in question in those countries.

Presently a substantial increase in the number of ports and of traffics is being observed in the Mediterranean as this sea is more and more considered as a gate to Asia. This implies a growing concern for the environmental problems likely to jeopardize such a closed sea as the Mediterranean. All these problems are interconnected (environment - cultural heritage - economic development), as there exists a close relationship between tourism development, environment and employment (think for example of the issues linked to reception, tourism and infrastructure policies).

Prof. Mouhtadi takes the floor to inform the participants about the fact that the issue of coastal pollution is given top priority in the field of research in Morocco, a country with 3,000 km of coasts.

Two are the main research fields in this respect:

- a) increase and protection of sea resources;
- b) optimization of the use of tourist resources in general and of maritime resources in particular.

The Polytechnic of Agadir intends to establish cooperation relationships in this field with the other CMU

Universities in order to acquire the know how of these latter in terms of research and human resources specialized in studying and cataloguing the biologic indicator of marine production.

Morocco is also afflicted with problems deriving from the development of rural areas including desertification. In this country the commonest subjects of research, often reflect the most urgent actions:

- best use of plant resources;
- problems linked to water management and desertification;

- diversification and protection of plant varieties.

Requested to express their availability to join the two projects (SOCIO-ECONOMIC OBSERVATORY OF THE MEDITERRANEAN AND CATALOGUING OF THE MEDITERRANEAN CULTURAL HERITAGE AND) the participants state as follows:

- fi Prof. Fortunato on behalf of the Polytechnic of Bari declares his adhesion to both projects;

- fi Prof. El Sherbing gives the adhesion of the Cairo Polytechnic to project (2). He nevertheless declares that both the University of Port-Said and of Alexandria are already concerned with the two issues dealt with and therefore it is his intention to ask for their availability to join projects (1) and (2).

- fi Prof. Pages joins project (2) on behalf of the Polytechnic of Barcelona and undertakes to indicate the names of other universities willing to join project (1);

- fi Prof. Xirokostas of the Polytechnic of Athens declares his availability to join project (2);

- fi Prof. Gutfinger from the Polytechnic of Haifa joins project (2);

- fi Prof. Hadhri from the Polytechnic of Tunis undertakes to get in touch with Agency for Cultural Heritage likely to be interested in project (1), whereas the Polytechnic could join project (2) once ascertained its availability to do so.

- fi Prof. Mauhtadi from the Polytechnic of Agadir declares his availability to join the two projects once he has ascertained the willingness of its human resources and researchers.

- fi Prof. Marovic of the Polytechnic of Split declares his availability to undertake the two projects but he stresses that is not entitled to make commitments without prior authorization by the Governing Body of his university.

- fi Prof. Micallef from the Polytechnic of Malta declares his availability to join project (2) and he undertakes to verify the existence of research already underway on this topic as well as to ascertain the availability of its Polytechnic to join project (1) also.

- fi Prof. Skuletic from the Podgoritz Polytechnic declares his availability to join both projects.

Discussion on point 4 of the agenda ends with the participants undertaking to identify in their own countries the contact person or institution for project (2). A methodology that will be extended to all the other common fields of study and projects.

In conclusion architect Capasso informs the participants that late in June 1998 a preliminary meeting will take place in Palermo in view of the Conference of the European Ministries of Culture to be held in Greece.

Prof. Pages states that the Polytechnic University of Barcelona is fully available to organize meetings with CMU and the other Polytechnics as well as to submit common projects to the European Union.

4. Master courses

President Ambrosi reminds the participants about the experience of CMU Schools, a first approach adopted by the universities to urge countries to give full equivalence to the degrees awarded in the different Mediterranean countries thanks to an agreement subscribed by the adhering Universities.

It is a way of acting that goes in the opposite direction of the policy generally adopted by central governments vis-à-vis universities.

Prof. Di Benedetta submit to the attention of the participants the proposal Prof. Beneyto (UNESCO) advanced during the December 1997 Euromed in Naples: setting in motion 3 or 4 post-graduate thematic syllabuses (women's role, desertification, regional integration).

As a general rule, Prof. Di Benedetta proposes the following restructuring criteria for the Schools that intend to set up Master courses:

- a) the School must operate on a Mediterranean macro-regional scale;

- b) they must be made up of schools from at least 3 different countries.

Prof. De Blasi proposes that these Schools base their teaching on distance-learning technologies (tele-education).

On behalf of the University of Lecce he declares his availability to supply the whole technological support to create an enlarged school open to the polytechnics and to the other universities of the Mediterranean adhering to CMU.

This system of education-communication is likely to find interdisciplinary fields of applications (emergencies, telemedicine, pollution control, etc.).

Finally he proposes to set up Master courses based on the system of "credits".

Prof. Gutfinger feels the field of Master Courses to be very interesting even in view of the fact that in Israel the industrial sector already requires to add the training received in a course of Master to the 4 years of undergraduate studies necessary to obtain a degree of engineer as these are considered to be not enough to confer an adequate preparation to would-be engineers.

The proposals put forward are as follows:

- a) a traditional Master with a final dissertation;

- b) a Total Master Degree or a Teaching Master Degree addressed to future teachers and based on 45 credits (Course of Study + Master).

As to the exchange of students, Prof. Gutfinger stresses that the Technical University of Haifa has and administrative department dealing with the exchange of students and researchers for 1 or 2 semesters.

Prof. Fortunato emphasizes that the concept of Master for engineers greatly differs from country to country as it is the case of Italy and Israel (American system).

In addition, in Italy Master courses are focused on one-only discipline and they have a duration ranging from 3 to 4 years that add to the 5 years of undergraduate studies.

Prof. Xirokostas from the Technical University of Athens confirms this discrepancy in terms of organization of Master courses in the different Mediterranean countries and informs the participants that in Greece Master courses are interdisciplinary and last 12-15 months.

In conclusion, in consideration of the differences existing both in terms of nature and organization of the courses of Master in the various Mediterranean Countries the participant decide that priority must be given to the definition of a sole thematic model.

SCIENTIFIC RESEARCH IN THE MEDITERRANEAN BASIN: CMU's proposal

Carlo Di Benedetto - Coordinator of CMU's Technical Scientific Secretariat

Convegno UNESCO – Budapest 26 – 6 - 1999

In its capacity UNESCO-recognized Non Governmental Organization, the Community of the Mediterranean Universities (CMU) was asked to draw a paper on the state of the art of science in the Mediterranean Basin countries in view of illustrating it during the World Conference on Sciences organized by UNESCO that will take place in Budapest from June 26 to July 1st, 1999.

This paper concerning the state of science within the countries that border the Mediterranean Sea is not only appropriate, but is also the instrument necessary to define the present state of scientific activity within this geographic area in order to assume the possible future for science here and to suggest any modifications or new initiatives to be undertaken.

The socio-economic reality of the Mediterranean is so complex and multifaceted that it is difficult to give a thorough description of it.

As is already known, this state of affairs is due to the different traditions, cultures, religious influences, etc., that have built up and become established through the centuries in this region and which characterize, in mainly a positive manner, the territorial identity of the area even though some unjustified resistance is manifested. This creates misunderstandings amongst the Mediterranean peoples leading to isolation and occasional organized violence, even true conflict.

This complexity of problems naturally influences the state of science in the Mediterranean Basin that is unevenly distributed throughout, largely due to non-uniform levels of technological development or organization to be found in the various regions. It is almost impossible to even describe the scientific activity already existing in the area, a thorough assessment of the scientific research in the Mediterranean being already difficult. Drawing any reliable conclusions on the actual state of research would therefore be an even more difficult task. But, on the other hand, a too simplistic description would be superficial and inaccurate.

It is for this reason that the authors of this paper have decided to make use of some exemplifying issues, already enclosed to the Budapest paper, without ignoring others that could or, rather, must be carefully taken into account. The adoption of a methodology in line with this proposal should be meant as a preliminary scanning phase of the problems under study in the hope that the results obtained could be extrapolated and applied to those issues not considered in this first analysis to formulate as complete a description as possible of the scientific realities existent in the different countries of the Mediterranean, a description that could eventually make it possible to advance proposals and suggestions either in terms of radical actions and corrections or in terms of finishing touches, but always respecting the existing values, traditions and acquired autonomies. For this reason, far from being exhaustive, this document sets out to be a working hypothesis or, say, a method of inquiry to be resorted to in the future for conducting an in-depth study.

The topics in this paper have been selected on the basis of their impact on the life in the Mediterranean area: agriculture, environment, with a special emphasis on pollution and its effects on coastal regions and marine biology, cultural heritage, whose wealth in the

Mediterranean countries is world-renowned as is, unfortunately, the state of neglect in which it slumbers, issues related to the Health Service, not only in terms of availability of health care, but above all in terms of disease prevention, and, finally a very general analysis of the present state of research essentially intended in terms of its most important products, i.e. available scientific materials: publications, patents and research-related whatnots.

The general scheme of this paper includes, where possible, the national and supranational organizations responsible for research in the specific fields as well as the national and international funding sources. In addition, through an analysis of the existing resources, some mechanisms of action are proposed which are intended to create new activities and initiatives and to re-design and re-structure the already existing organizations and institutions in view of the modernization of some and the creation of others.

Knowledge of the regional and local needs and comparative analysis of what functions elsewhere should produce proposals for the creation of up-to-date potentiality in the field of job creation. This would be the result of closer cooperation with the entrepreneurial sector (from large corporations to SMEs) in the region. Each one of the topics dealt with in this paper is presented in synthesis and supplemented by suggestions and assumptions in terms of future orientation.

The working group, which for logistic reasons had to be based in Italy in its initial phase, has been duly enlarged and joined by the whole of the CMU Council that, gathered in Paris at UNESCO Headquarters on February 26, 1999 to discuss the draft of the paper in the presence of Prof. Maurizio Iaccarino, Vice-Director General of UNESCO and organizer of the Budapest Conference, made the decision of enclosing to the draft to be submitted those observations and items of information deemed to be useful by the representatives of the Mediterranean countries members of CMU who were attending the Council. Therefore the final paper is the result of a long developing phase step by step enriched with the observations suggested by the people concerned.

As for the analysis of the various and multifaceted problems dealt with, some conclusions might be drawn and some hypotheses advanced together with a specific proposal in view of the role and of the activity carried out by the Community of the Mediterranean Universities, an organization which counts 166 member-Universities in all the Mediterranean Basin countries and therefore represents 66% of all the Mediterranean Universities.

The lack of communication infrastructure that mainly characterizes the countries of the Mediterranean basin is well known. This assessment, corroborated by the analysis carried out some years ago by CESVAM in collaboration with CMU, should be updated and corrected with detailed information to be obtained from CMU Universities and Centers in order to collect accurate quantitative data on:

- a) the state of the networks within their countries;
- b) the possibility of interlinks with other countries.

This is the analysis that CMU is able to conduct immediately and repeat periodically as a part of the activity of its Observatory given the strategic importance of the communication sector for socio-economic development

which is, in its turn, closely linked to and influenced by both scientific research and higher education that were, since it was established in 1983, and will continue to be, CMU's main objectives.

The general features of the area, together with the ever important role played by satellite networks, clearly show that a prompt and exhaustive solution to the problems identified so far can only be found in satellite technology.

Terrestrial connections, if any, would be bypassed and supplemented linking any point of the network under the "footprint" of the satellite and overcoming any form of prior discrimination.

The elements shown in the different examples given suggest that the first task to be accomplished is that of solving the problem of a collection as exhaustive as possible of data and information about the above fields but also about issues that may emerge in progress and need an in-depth analysis, e.g. Tourism, Economics, Law, Biology, etc. This should be done by means of specific computer methods that give homogenous data, i.e. understandable by everybody and therefore likely to be accessed to by many users.

Recognizing that communication systems, in addition to being an important means for the transfer and exchange of information (the above technological gap in this case becomes a communication gap), represent by now the basis for a better understanding between the peoples, CMU Council maintains that the most appropriate facility for such a program is the "Virtual Observatory of Mediterranean Sciences" whose computer infrastructure could be organized and offer as follows:

1. knowledge of the Mediterranean Countries; in this case the great advantage would be represented by the opportunity of having the Mediterranean universities, in particular the CMU ones, but not only, acting as environment-oriented antennas able to signal the problems and needs of the region;
2. support for cooperative activities, inter-exchange and education in scientific topics of public interest;
3. support for cooperative activities between Institutions.

The project is characterized by the adoption of an innovative approach-the Virtual Observatory-that does not copy the classical top-down hierarchical model in favor of an organizational approach based on interfunctional teams.

This characterization allows for the creation of a horizontal network where each unit participates contributing with its own experiences and resources to the development of the Observatory.

The benefits of such an organizational approach could be:

1. full autonomy and responsibility in terms of availability and property of data and information of each and every unit of the network;
2. flexibility of the Observatory in organizing the resources according to the specific needs of the individual user;
3. possibility of establishing and managing cooperation relationships between different users according to the specific needs of the same units in view of optimizing the expected results;

4. Organization of the Observatory

CMU's peculiarity in representing an elevated number of Universities, all interested in the establishment of a Virtual Observatory of Sciences, makes extremely easy and feasible the application of the methodology of a distributed and virtually organized structure to the same CMU Observatory.

Within this "virtual" approach, indeed, each University stands as one element of the network having its own

expertise, specialized and specific resources and a common goal: the setting up of the Virtual Observatory of Sciences.

Each unit of the Observatory (University) shall have its own local coordination system, an operational linkage to every other unit, as well as to a Support Center (the CMU itself), in charge of the production and services coordination and the overall management coordination.

The Observatory management approach shall be based on projects' completion.

Each project managed by the CMU's Observatory will have two different coordination levels:

1. one related to the production structure of the project (local management and coordination with other units of the network involved in the project);
2. the second one related to the coordination with the Support Center (CMU).

The "production" structure of each project or objective will be defined case by case, taking into account both the technological and organizational profile of the human resources involved. In addition, the "customization" of the "production process" will allow a closer and more effective relationship with the "customer" and to dynamically involve different production sites, regardless of their geographic location.

Each unit, anyway, will maintain the ownership and will have full availability of the basic data, half products and overall projects of the CMU's Virtual Observatory of Sciences.

From an organizational point of view CMU's Observatory will accordingly be represented by a network of individual specialized units answering to a Support and Coordination Center.

In addition the Observatory is designed as a support to seminars and highly qualifying training activities decided and organized by CMU.

CMU will certainly act as the promoter of the Observatory on the reference market.

The typical features of the CMU's Virtual Observatory compared with an old-fashion structured organization are remarkable and many of them concern, among other things, the strategy (which is internal for the classic model and competitive for the virtual one), the "enterprise" culture (which is oriented to service production for the classic model, but rather focused on service supply in the virtual one) and the production organization (which occurs by work phases in the classical model and is based on projects' completion in the virtual one).

Financial resources and implementation time.

The estimated total cost for the designing of the Observatory amounts to 800 million Italian Liras.

Expected implementation time: 8 months.

5. Efficiency and maximization of the results.

CMU will have the role of Coordination and Support Center of Organization, as well as the task of animator of the Observatory.

Once in full operation (third year of operation) the Observatory will be able to finance with its own funds its activities by supplying its services to Agencies, Enterprises, etc.

Expected results:

Modeling of the horizontal network,
Procedures and regulation of the operation of the networks;
Analysis of the market of the services offered by the Observatory;
Operational organization of the Observatory;
Economic and financial plan;
List of the subjects adhering to the network;
List of the subjects demanding the services offered.