

## PERSONAL INFORMATION

## Mario Scalet

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 [mario.scalet@uniud.it](mailto:mario.scalet@uniud.it)

Sex Male | Date of birth 09/06/1958 | Nationality Italian

## JOB APPLIED FOR POSITION

## WORK EXPERIENCE

## From February 2015 Senior researcher &amp; professor

Università degli Studi di Udine \_Dept of Agricultural, Food, Environmental & Animal Sciences  
Via delle Scienze 208, 33100 Udine, Italy

▪ Main activities and responsibilities:

Professor of Environmental Management in the MD course of Environmental Analysis and Territory Management; professor of Cultivation of Medicinal and Aromatic Plants (MAPs) for MD students in Science and Technology in Agriculture. Collaborates in research on extraction technology of natural substances from MAPs and crops, their characterization and food/health application. Elaborates analysis and studies on Applied Ecology, with special reference to the environmental governance & policies at national and international level, programmes for the sustainable management of the natural resources, food & environmental safety, communication.

Collaborates as an advisor of international cooperation in the field of Science technology & Innovation. Elaborate books and scientific papers to be published in journals or congress proceedings.

**Business or sector** Research; Environment; International Cooperation; Education; Capacity building

## July 2010 - January 2015 Head of Science Unit; Senior programme specialist (P-5, UN grade)

UNESCO, Regional Office for Science and Culture in Europe, Venice, Italy

Main activities and responsibilities:

Coordinate the Science Unit \_Elaborate strategies & programme of actions, and supervise the activities for the implementation of the Natural Science Programme of UNESCO within the target priority sub-regions (South East Europe, Caucasus and Mediterranean). Liaise with the UNESCO Headquarters and senior officers. Supervise and manage the Science unit staff, including the recruitment and dismissal, in accordance with UNESCO rules and procedures. Ensure the appropriate use of the financial resources allotted to the Unit. Sign contracts with external contractors. Participate to the Steering Board and to the Scientific council of the Office.

Deputy Director and officer in charge during Director absence.

Take care, as senior programme specialist, of the activities/projects in the fields of Science, Technology & Innovation (STI) policy and governance, Science Education, Capacity Building, Disaster Risk Management. To this aim he promoted and supported the establishment and the activity of a number of regional networks in priority scientific areas.

Establish strategic partnerships and elaborate a sound fundraising strategy. Referring to the critical financial period for UNESCO, under his leadership the science team raised more than 2 million USD (about 10 million USD globally mobilized) during the period 2012-13 also participating to the EU programmes for the first time in the office's history.

Represent UNESCO in a number of steering boards of international organizations and international conferences/meetings. Be a member of the Expert Advisory Group for the preparation of the Social Science and Humanities work programme (SSH) of the EU Research Programme FP7 (2011 / 2012)

**Business or sector** programme management & implementation; science, technology & innovation; office/team management & administration; International cooperation; science policy; science communication; capacity building; climate changes and disaster risk management; renewable energies; sustainable management of natural resources; biodiversity

November 2006 - April 2010

**Scientific Officer / Research Programme Officer (END)**

European Commission, DG Research, Directorate for International Cooperation, Unit for INCO projects, Brussels, Belgium

▪ Main activities and responsibilities:

Participate to the elaboration of the International Cooperation Programme of the European Framework Programme of Research (FP7-INCO). Participate/monitor to the Regional policy platforms for Science & Technology cooperation and take care of the bilateral programmes of cooperation in STI referring to East Asia, Mediterranean and Western Balkans countries.

Monitor and manage projects of international cooperation (INCO) within the FP6 and FP7 EU research programmes in the field of agriculture, renewable energy, biodiversity, water management, science technology innovation policies. Particularly:

- manage the entire project cycle of a set of projects as well as to contribute to the technical orientation and to the development of EU research FPs
- contribute to operational aspects of programme implementation as well as to reporting activities and the appropriate use of allotted budget
- contribute to coordination of international scientific cooperation activities across framework programme
- coordinate the relations between EU and multilateral institutions and S&T programmes based in the Balkans and Mediterranean, as well as the development of the EU S&T cooperation activities in these regions
- contribute to the development of relevant programmes and policies and to the coordination of international S&T cooperation activities across the EU Framework programme

**Business or sector** International Programme management on Scientific research & Innovation; International Cooperation; Capacity building; Agriculture; Renewable energies; Sustainable management of natural resources; Science Policy

April 2006 - November 2006

**Policy Officer, Desk Officer Korea**

European Commission, DG External Relations (RELEX), Unit for Australia, New Zealand, Japan, Korea, Brussels, Belgium

▪ Main activities and responsibilities:

Coordinate relations with Korean peninsula and take care of the bilateral agreement of cooperation between the Republic of Korea and European Union.

The main tasks of this job were:

- Elaborate and contribute towards the definition of EU policies concerning economic relations with the ROK in coordination with Member States and follow related horizontal issue
- Review the Framework Agreement and monitor its implementation
- Follow-up briefing requests / dossiers concerning bilateral economic relations with ROK
- Conduct dialogues with all partners involved in the Framework Agreement
- Take contact with decision makers in Member States in relation to relevant economic and political issues in the Framework Agreement
- Maintain contacts with authorities of Korea and organise high level meetings with partner country
- Carry out and respond to interservice consultations.
- Organise and maintain relations, coordination and contacts with other EU Institutions.
- Draft answers to oral and written questions and petitions of MEPs.
- Assist the representative of the Commission at Council meetings and at EPs committee meetings concerning Framework Agreement implementation

**Business or sector** International Cooperation; Bilateral relations; external relations & joint agreement /programme management;

January 2004 - March 2006

**Senior Adviser of International Cooperation in Science & Technology**

Italian Ministry for Foreign Affairs and Ministry of Education, University and Research \_Roma, Italy

## ▪ Main activities and responsibilities:

As Adviser of international S&amp;T relations, Italian Ministry of Foreign Affairs:

- Advise the Italian Ministry of Foreign Affairs on bilateral and multilateral science & technology cooperation policies, and participate in meetings on this matters
- Represent the Ministry (Directorate General of Multilateral Economic Cooperation, DGCE), in the Italian Coordination Committee for Biodiversity (elaboration of the national strategy, coordination of ministerial and regional governments actions both at national and international level)
- Represent the Ministry within the Steering Committee of the International Centre for Science and Technology (ICS-UNIDO, Trieste, Italy)

As Adviser of international S&amp;T relations, Italian Ministry of Education, University and Scientific Research:

- Advise the Italian Vice-Minister of Education, University and Research (acting for University & Research) on Biodiversity and Agricultural sustainability; member of the Italian delegation at the G8 working group for science & technology
- National delegate within the Steering Committee established for the organization of the international meeting "Biodiversity: Science and Governance" (Paris, UNESCO, January 2005) and for the coordination of follow-ups (IMOSEB)

**Business or sector** International Cooperation; International Organization/centres management; Biodiversity; Biotechnology; Science Policy; Diplomacy; Capacity building

November 2003 - March 2006

**University Researcher and Assistant Professor**

Università degli Studi di Udine\_Faculty of Agriculture, Via delle Scienze 208, 33100 Udine, Italy

Università degli Studi di Trento, Faculty of Engineering, Povo (Trento), Italy

## ▪ Main activities and responsibilities:

University of Udine

Education: give lectures and laboratories on Applied Botany, seminars on the International Cooperation organizations; write technical papers and preparing didactics material for students; be a member of examination commissions

Research: participate in team for elaboration, managing and implementation of national &amp; international research projects on plant biology and S&amp;T research policy; elaborate scientific papers for publication of the research results in international journals and in congress proceedings

University of Trento

Visiting Professor of Agriculture &amp; sustainable development (lectures, examination,...)

Member of the Steering Committee of the Advanced S&amp;T Research cooperation programme between India and Trento (ITPAR)

**Business or sector** Research; Higher Education; International Cooperation; Applied Plant Biology; Sustainable Agriculture

October 1999 - October 2003

**Counsellor for Science & Technology**

Ministry of Foreign Affairs, Italian Embassy in Seoul, Republic of Korea

## ▪ Main activities and responsibilities:

Act as a liaison between Italian and Korean scientific and technological institutions, establishing contacts with government officials, experts and responsible of S&amp;T centres, international organizations, diplomats from other countries, press.

Coordinate the negotiation of international cooperation agreements and executive programmes.

Ensure the implementation of the joint programme of cooperation and the appropriate use of the financial resources available. Monitor and evaluate the participation of institutions and experts in the bilateral projects

Promote collaboration, developing innovative modalities for the bilateral and multilateral S&T cooperation. Organize meetings and conferences, editing the proceedings (bilateral). Facilitate the exchange of information and the technology transfer between Italian and Korean companies.

Advise the Italian government and the national institutions on the opportunities of S&T cooperation with Korea. Prepare detailed Country reports, including government policies and programmes regarding research, training and technology transfer. Formulate/review and comment on national/regional programme as well as documents and reports in order to facilitate the elaboration of policies, strategies, agreements and action programmes.

Coordinate and actively participate in intergovernmental meetings and conferences (multilateral).

Coordinate the diffusion of information including the website administration; prepare and review reports on the abovementioned issues; give lectures or seminar on S&T issues in Italy and in Korea.

Provide leadership and guidance to the office staff, including the administration of the office's budget.

Prepare and participate in review missions related to international cooperation programmes.

Play the role of coordinator of the Diplomats in charge of Science & Technology at the Embassies in Seoul, acting as a liaison with the Korean Ministry of Science & Technology (about 3 years).

**Business or sector** International Cooperation; Diplomacy; Bilateral relations; Research programme management; Scientific/technical Advisor; Reporting

March 1997 - October 1999

### Senior Expert of Science & Technology

Ministry of Foreign Affairs, Directorate General for Cultural Cooperation, Office for Science & Technology cooperation, Rome, Italy

▪ Main activities and responsibilities:

Advise the Director General of Cultural Relations on scientific and technological issues related to the bilateral and multilateral cooperation. Collaborate with other offices and Directorates at MAE, including the Italian Embassies and the network of the Italian Scientific Counsellors.

Represent the Italian Ministry of Foreign Affairs in relevant national and international meetings, including the steering committees of international organizations, centres and programmes (e.g. UNESCO, ROSTE, ICGEB, ICS, TWAS, ICTP, IDAIC). Member of the UNESCO National Commission for Science and member of the national committees for the scientific programmes of UNESCO on oceanography COI, environment MAB, and hydrology IHP. Scientific Secretary of Italian committee for the Man and Biosphere program (MAB).

Organize and/or actively participate in technical/intergovernmental meetings and conferences (among them he coordinate the Italian participation at the World Science Conference, Budapest 1999).

Coordinate the bilateral cooperation in S&T with a number of Countries. Prepare, organize and follow-up the bilateral meeting (joint committees). Prepare draft and take care of the negotiation of the new agreements with governments and intergovernmental organizations. Organize events and elaborate report; evaluate project proposals and candidatures for the bilateral fellowship schemes

Lead and participate in teams for project supervision; monitor bilateral and multilateral programmes of S&T cooperation and prepare consequent reports

Prepare and negotiate new bilateral and multilateral agreements/executive programmes regarding the scientific and technological cooperation (e.g. the agreements between the Government of Italy and UNESCO for the Regional Office of Venice-ROSTE and for the Third World Academy of Science of Trieste-TWAS). Prepare the financial arrangements of the agreements liaising with the Parliament.

Formulate/review and comment on national/regional programme documents and reports in order to facilitate the elaboration of policies, strategies, agreements and executive programmes of cooperation. Coordinate the activity of the network of the Italian scientific counsellors, including the annual plan of financial resources available for their activity.

Coordinate the interministerial working group and the other political initiatives in order to reform international S&T cooperation at the Ministry of Foreign Affairs;

Coordinate the preparation of studies and the diffusion of S&T information; edit the book on the Italian international S&T activities

**Business or sector** International Cooperation; Diplomacy; Bilateral relations; Research programme management; Programme administration; Multilateral cooperation and programme management; Scientific/technical Advisor; Reporting

October 1994 – April 1996

**Visiting Professor of Plant Physiology**

Università degli Studi de L'Aquila, Faculty of Natural Science, Coppito, L'Aquila, Italy

## ▪ Main activities and responsibilities:

Give lectures and laboratories on Plant Physiology. Elaborate technical papers and other didactics supports for students.

Participate to the evaluation panels and tutoring of students, as well to the academic bodies

**Business or sector** Research; Higher Education; Plant Physiology; University Management

January 1993 - August 1994

**Expert of University Cooperation\_Professor of Biochemistry**University Eduardo Modlane, Faculty of Agriculture, Maputo, Mozambique (*duty station*)Italian Ministry of Foreign Affairs, Directorate General of Development Cooperation (*employer*)

## ▪ Main activities and responsibilities:

Give lectures and laboratories as Professor of Biochemistry at the Faculty of Agriculture of the University Eduardo Mondlane of Maputo (UEM) during the academic years 1992/93 and 1993/94. Write technical papers and prepare other didactics supports for students. Participate to the student evaluation panels and tutoring. Participate to the management bodies of the UEM.

Participate in teams for elaboration, managing and implementation of a research project on Sunflower for oil. Formulate and develop innovative modalities of cooperation with the recipient institution.

Supervise programme implementation and prepare final reports.

**Business or sector** Research; Higher Education; International Cooperation; Agriculture

January 1990 – July 1992

**Associate researcher of Plant Biochemistry**

University of Rome "La Sapienza", Dept. of Plant Biology, Rome

## ▪ Main activities and responsibilities:

Work in the team of Prof. Rodolfo Federico for elaboration, managing and implementation of national & international research projects. Lead the research projects on plant physiological response to abiotic stress (wounding). Collaborate with the team of Prof. Fausto Manes for elaboration, managing and implementation of international research projects on the effect of environment pollution (ozone and acid rain) to the plant metabolism.

Elaborate scientific papers for publication of the research data on international journals and congress proceedings

Give lectures and laboratories on Plant Biochemistry. Tutor students in their thesis work. Elaborate technical papers and prepare didactics supports for students. Evaluate students as a member of examination commissions.

**Business or sector** Research; Higher Education; International Cooperation; Environment

September - December 1986

**Associate Researcher of Plant Physiology & Biochemistry**

University of California, Davis, Dept. of Biochemistry and Biophysics

## ▪ Main activities and responsibilities:

Work in the team of Prof. Eric E. Conn developing a research project on the metabolism of cyanogenic glucosides in plants.

Elaborate scientific papers for publication of the research data on international journals and on congress proceedings

**Business or sector** Research; Higher Education; International Cooperation; Agriculture

March 1986 – February 1997

**University Researcher & Professor**

Università degli Studi di Udine \_Faculty of Agriculture, Via delle Scienze 208, 33100 Udine, Italy)

## ▪ Main activities and responsibilities:

Education\_ Give lectures and laboratories on General Botany, Applied Plant Biology, Plant Physiology & Biochemistry. Prepare technical papers and other didactics supports for students. Tutor students in their thesis work. Evaluate students as a member of examination commissions.

Research\_ Work in team for elaboration, managing and implementation of national & international research projects on Plant Physiology, Biochemistry and Ecophysiology of Plants. Elaboration of scientific papers for publication of the research data on journals and on congress proceedings.

Management\_ Participate as a full member to the Board of Directors at the University of Udine for the periods 1987 /91 and 1992/96. Participate as a member to the board of the Faculty of Agriculture. Participate as a Project Manager and scientists to the EU-TACIS Project for restructuring the Agriculture University in Moldova (1995/1997).

**Business or sector** Research; International Cooperation; Education; Capacity building; Project management; Agriculture

February 1985- February 1986

**Post-doctoral Fellow in Plant Physiology & Biochemistry**ETH, Swiss Federal Institute of Technology, Dept. General Botany, Zurich, Switzerland (*duty station*)  
Consiglio Nazionale delle Ricerche CNR, Rome Italy (*sponsor*)

## ▪ Main activities and responsibilities:

Work in the laboratory of Plant Physiology & Biochemistry led by the Prof. Philip Matile developing research activities on the subcellular catabolism of proteins and plant senescence.

Elaborate scientific papers for publication of the research data on international journals and on congress proceedings

**Business or sector** Research; Higher Education; International Cooperation; Agriculture

January 1983 – January 1985

**Post-graduate researcher of Plant Physiology**

University of Pisa, Faculty of Agriculture, Dept of Horticulture, Pisa, Italy

## ▪ Main activities and responsibilities:

Work in the team of Prof. Amedeo Alpi developing research activities on the catabolism of protein in plant leaves, plant senescence and plant hormones. Collaborate with Prof. Paolo Pelosi in research activities on purification and characterization of plant enzymes.

Elaborate scientific papers for publication of the research data on international journals and on congress proceedings.

Give support to the university course of Plant Physiology. Act as tutor of students in their thesis work. Evaluate students as a member of examination commissions

**Business or sector** Research; Higher Education; International Cooperation; Agriculture

**EDUCATION AND TRAINING**

- May 2014

**Advanced Security in the Field (Training certificate)**  
 United Nations Department of Safety and Security (UNDSS)

Training course
- June 2012

**Basic Security in the Field (Training certificate)**  
 United Nations Department of Safety and Security (UNDSS)

Training course
- November 1983 - January 1985

**Advanced School in Agriculture-Plant Physiology (certificate)**  
 Scuola Superiore di Studi Universitari e Perfezionamento "S. Anna", Pisa, Italy  
 Be graduate student of the superior school within the section of agriculture. Attend seminars and language course. Develop a research programme in the field of Plant Physiology.

PhD level
- November 1983

**Seminar on the Programme of Associate Experts and Junior Professional Officers of United Nations (attending certificate)**  
 Società Italiana per l'Organizzazione Internazionale, Roma, Italy  
 Be selected in order to attend the orientation seminar on international cooperation with developing countries in order to participate to the programme of Associate Experts.

Pre-selection orientation seminar
- November 1978 - November 1982

**Student of Agriculture (diploma/laurea)**  
 Università degli Studi di Pisa, Faculty of Agriculture, Pisa, Italy  
 Be student of the Faculty of Agriculture with a curriculum in Plant production. Develop and discuss an experimental thesis on the Protein catabolism in Medicago sativa leaves obtaining the maximum of score *cum laude*.

MSc level

**PERSONAL SKILLS**

Mother tongue(s) ITALIAN(s)

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	C1	B1	B1	A1
SPANISH	B2	C1	B1	A2	A1
PORTUGUESE	A2	B2	A2	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

- Communication skills** Strong interpersonal and official communication skills gained through my experience as university professor (lecture/publication), expert of international relations at the Ministry of Foreign Affairs, diplomat at the Italian Embassy in Seoul, conference speaker, participant in various meetings/boards also as institutional representative, etc.
- Organisational / managerial skills** Strong ability to LEAD and MOTIVATE staff as Head of the Science Unit (team of 10-12 persons), and Officer in Charge (team of 35 people) at Unesco, as project coordinator, coordinator of international meetings and networks, coordinator of diplomat for S&T in Seoul, etc.  
Excellent capacity to REPRESENT the institution at various level (Italian Ministries of Foreign Affairs and Education & Research; European Commission; UNESCO; University)  
Large experience as CONFERENCE organizer and coordinator of MEETINGS at various levels (experts, intergovernmental representatives, ministerial, etc.) (see attached list)  
PROGRAMME manager for Italian bilateral cooperation, EU FP research programme (about 50 million of Euro, project portfolio), UNESCO  
PROJECT management and implementation (university researcher; Unesco specialist)  
ADMINISTRATIVE management (Building company; Ministerial expert and Counsellor for S&T; Unesco Head of Unit and project manager)
- Job-related skills** Strong PROBLEM SOLVING aptitude and capability to adapt positively in a changing environment  
Excellent aptitude to TEAM-WORKING (research, ministerial expert, diplomat, EU & UN officer)  
Strong professional INTEGRITY and COMMITMENT well recognized by colleagues, donors, beneficiaries, institutional stakeholders and supervisors  
Recognized TRASPARENCY and OPENESS to dialogue and exchange of information  
Very good aptitude to work in MUTICULTURAL environment  
Excellent capability to DRAFT PAPERS, REPORT, AGREEMENTS, etc
- Computer skills** Professional utilization of Microsoft Office™ tools, adobe acrobat and software for image management; good knowledge of software related to Web and electronic databases
- Other skills** Elaborate and implement FUNDRAISING strategies (as university researcher and as responsible for science at UNESCO Venice Office)  
Promote PARTNERSHIPS with public/intergovernmental and private institutions  
Very good aptitude to work in HARD conditions and unexpected situations

## ADDITIONAL INFORMATION

- Publications** See attached Annex with list of publications, conferences, projects
- References** Robert BURMANJER, Head of Unit for Nord-Latin America & Caribbean, DG Research, European Commission, Brussels, Email: [robert.burmanjer@ec.europa.eu](mailto:robert.burmanjer@ec.europa.eu) Tel. +32 2 2968944
- Maciej NALECZ, Director of Science Policy and Capacity Building, UNESCO, Paris  
Email: [m.nalecz@unesco.org](mailto:m.nalecz@unesco.org) Tel. +33 1 456 83930
- Philippe FROISSARD, Deputy Head of Unit for Research Infrastructures, DG Research, European Commission, Brussels, Email: [philippe.froissard@ec.europa.eu](mailto:philippe.froissard@ec.europa.eu) Tel. +32 2 29 92373
- Fausto MANES, Professor of Ecology, University of Rome "La Sapienza", Rome, Italy  
Email: [fausto.manes@uniroma1.it](mailto:fausto.manes@uniroma1.it) Tel.: +39.06.49912448
- Vladimir KUZMINOV, former Director of the UNESCO Venice Office (now retired)  
Email: [kuzminov.v@gmail.com](mailto:kuzminov.v@gmail.com) Tel. +39.333.7559413

## ANNEXES

Publications, Conferences, Appointments and Projects are enlisted as follows

## Mario Scalet - Publications, Appointments, Conferences, Projects

### List A – Publications

#### A.1\_Books and Monographs

- 1.1. SCALET M. L'Uva. Editoriale Scienza, 1995. Trieste (Italy).
- 1.2. SCALET M. Grape. Silver Burdett Press, 1998. Parsippany, NJ (USA)
- 1.3. SCALET M. (Editor). Scienza e Tecnologia Italiane all'estero. Il ruolo dell'Addetto scientifico. Ministero degli Affari Esteri, 1999. Roma (Italy)
- 1.4. FERREIRA J.C., et al. SPEAR. Sustainable Option for People, Catchment and Aquatic Resources. 2008, ISMAR-Lisboa, Portugal [ISBN 978-072-99923-2-2]
- 1.5. BERNARDI B., and M. SCALET (Editors). Impact of global change on the Socio-economic development of Venice. 2012, UNESCO, Venice (Italy).
- 1.6. HARTMAN V., M. KIRAC, and M. SCALET (Editors). Energy Efficiency and Energy Management in Cultural Heritage – Case Study Guidebook. 2013, Zagreb (Croatia) [ISBN: 978-953-7429-47-8]
- 1.7. SCALET M., D. POLETTI, G.P. CAVINATO, and M. MOSCATELLI (Editors). Disaster Risk Management of Cultural Heritage Sites in Albania. 2014. Italian National Research Council-CNR, Roma, Italy [ISBN: 978-88-6812-286-7]
- 1.8. BALLABIO R, COMAIR F., SCALET M. et M. SCULLOS (Editors). Science diplomacy and trans-boundary water management. The Orontes River case. 2015, UNESCO Paris [ISBN: 978-92-3-000017-2]

#### A.2\_Original papers published on journals or books

- 2.1 SCALET M., ALPI A., PICCIARELLI P. Proteolytic activities in alfalfa (*Medicago sativa* L.) leaves. *Journal of Plant Physiology*, 116: 133-145, 1984. Gustav Fischer Verlag, Stoccarda
- 2.2 PICCIARELLI P., ALPI A., PISTELLI L., SCALET M. Gibberellin-like activity in suspensor of *Tropaeolum majus* L. and *Cytisus laburnum* L. *Planta*, 162: 566-568, 1984. Springer-Verlag, Berlin Heidelberg
- 2.3 SCALET M., ALPI A. Partial purification and characterization of several carboxypeptidase-like activities present in leaf extracts of *Medicago sativa*. *Journal of Plant Physiology*, 121: 47-57, 1985. Gustav Fischer Verlag, Stoccarda.
- 2.4 SCALET M., CRIVELLATO E., MALLARDI F. Demonstration of phenolic compounds in plant tissues by an osmium-iodide postfixation procedure. *Stain Technology*, 64: 273-280, 1989. William & Wilkins, Baltimore, MD (USA).
- 2.5 FREHNER M., SCALET M., CONN E.E. Pattern of the cyanide-potential in developing fruits. Implications for plants accumulating cyanogenic monoglucosides (*Phaseolus lunatus*) or cyanogenic diglucosides in their seeds (*Linum usitatissimum*, *Prunus amygdalus*). *Plant Physiology*, 94: 28-34, 1990. American Society of Plant Physiologists, Rockville (USA).
- 2.6 MARTIN M., SCALET M., MICELI F., ZERBI G. Scambi gassosi in foglie di piante di peperone allevate in idrocoltura salinizzata. In: *Atti Incontro su "Stress ambientali nei vegetali"*, Roma 27-28 novembre 1990, p.375-378. Consiglio Nazionale delle Ricerche, Roma
- 2.7 CONAA., SCALET M., NIGLIO A., ANGELINI R. Properties of polyamine oxidase bound to hydroxylapatite. *Annali di Botanica*, 48: 121-127, 1990. Roma

- 2.8 SCALET M. Leucine aminopeptidase and ferricyanide reductase activities in radish microsomes. *Biologia Plantarum*, 33: 240-247, 1991. Czechosl. Academy of Science, Praha
- 2.9 SCALET M., MICELI F., MARTIN M., ZERBI G. Proteolysis in flag leaves of wheat as related to different levels and timing of nitrogen supply. *Journal of Agronomy and Crop Science*, 166: 259-267, 1991. Paul Parey Sci.Publ., Berlin e Hamburg
- 2.10 SCALET M., FEDERICO R., ANGELINI R. Time course of diamine oxidase and peroxidase activities, and polyamine changes after mechanical injury of chickpea seedlings. *Journal of Plant Physiology*, 137: 571-575, 1991. Gustav Fischer Verlag, Stoccarda
- 2.11 SCALET M., ANGELINI R., BOTONDI R., FEDERICO R., MENCARELLI F. Cadaverine and ethylene metabolism in chick-pea seedlings during wound-healing. *Life Science Advances-Plant Physiology*, 10: 157-162, 1991. Council of Scientific Research Integration, Trivandrum (India).
- 2.12 MANES F., ASTORINO G., SCALET M., TRIPODO P. Use of radish plants protected with EDU to evaluate ozone effects both in natural and in controlled conditions. *Proceedings of Congress "Air Pollution and Crop Responses in Europe"*, p. 579-584. Tervuren (Belgium), 23-25 November, 1992.
- 2.13 MARTIN M., MICELI F., MORGAN J.A., SCALET M., ZERBI G. Synthesis of osmotically active substances in winter wheat leaves as related to drought resistance of different genotypes. *Journal of Agronomy and Crop Science*, 171: 176-184, 1993. Paul Parey Sci.Publ., Berlin e Hamburg
- 2.14 TAVARTKILAZE B., GATTA L., MANES F., FEDERICO R., SCALET M. Effects of ozone and UV-C radiation on tobacco cultivars having different sensitivity to ozone in vivo and in vitro studies. *Fresenius Environment Bulletin*, 2: 380-385, 1993. Birkhauser Verlag, Basilea
- 2.15 SCALET M., GUIDO M., FEDERICO R., and F. MANES. Peroxidase activity and polyamine changes in response to ozone and simulated acid rain in Aleppo Pine needles. *Environmental and Experimental Botany*, 35: 417-425, 1995. Pergamon/Elsevier Science Ltd., Great Britain.
- 2.16 FREHNER M., LUSCHER A., HEBEISEN T., ZANETTI S., SCHUBIGER F., and M. SCALET. Effects of elevated partial pressure of carbon dioxide and season of the year on forage quality and cyanide concentration in *Trifolium repens* L. from ETH-FACE. *Acta Oecologica*, vol 18(3): 297-304, 1997.
- 2.17 MICELI F., G. ZERBI, and M. SCALET. Non-destructive limits to seed growth and leaf protease activities in nodulating and non-nodulating soybean isolines. *J. Agronomy & Crop Science*, 184: 23-31, 2000.
- 2.18 SCALET M. The environment in Italy: Key facts and policies. In: *Proceedings Symposium on "21st Century Environmental Problems and Solutions" Environmental Health Purity and Honesty Society Scandinavian Club*, pp.14, Seoul October 24, 2000
- 2.19 SCALET M. The 7th EU Research Framework Programme - Cultural Heritage and International Cooperation. In: *Science and Cultural Heritage in the Mediterranean Area. Diagnostica e Conservazione: esperienze e proposte per una Carta del Rischio – Atti del 3° Convegno Internazionale di studi "La materia e i segni della storia", Palermo 18-21 ottobre 2007* [ISBN 9788861640863; BNI 2009-9826], p. 1-8, 2009
- 2.20 POLETTO D, M. SCALET, C. MARRION, and R. JIGYASU. Protecting Cultural Heritage. *ECrisis Response Journal*, 8 (2): 28-29, 2012
- 2.21 POLETTO D, N. HEATH, B. REUTZ-HORNSTEINER, and M. SCALET. Sustainable energy, international perspectives and UNESCO designated sites. *Energy Bulletin*, 15: 12-18, 2013 Moscow (ISSN 2075-2318)
- 2.22 SCALET M., D. POLETTO, R. JIGYASU, and C. MARRION. Natural Disaster Risk Preparedness and Mitigation guidelines of Cultural Heritage Sites of Albania\_Part I. In: *Disaster Risk Management of Cultural Heritage Sites in Albania*. [ISBN: 978-88-6812-286-7] - Italian National Research Council-CNR, Roma, Italy, 2014
- 2.23 SCALET M. Protection of Monumental Trees as a Cultural and Environmental Heritage. In: *Paradise Lost of the Landscape-cultural Mosaic. Attractiveness, Harmony, Atarassia, Proceedings of the 21st IPSAPA/ISPALEM International Scientific Conference, Venice, July 6-7, 2017* [ISBN: 978-88-942329-3-6] – Udine, 2018
- 2.24 DA PORTO C., NATOLINO A., SCALET M. Ultrasound-assisted extraction of proanthocyanidins from vine-shoots of *Vitis vinifera*. In: *Journal of Wine Research*, 29(4): 290-301, 2018 [DOI: 10.1080/09571264.2018.1536650]

### A.3\_Conference abstracts published in specialized journals or proceedings

- 3.1 SCALET M., ALPI A. Proteases from alfalfa (*Medicago sativa* L.) leaves. Congresso Soc.Ital.Fisiol.Veg., Modena. Giornale Botanico Italiano, 117 (s-2): 82-83, 1983. Societa` Botanica Italiana, Firenze (Italy).
- 3.2 SCALET M., ALPI A. Preliminary observations on the proteolytic activities in alfalfa (*Medicago sativa* L.) leaves. IV Congresso Fed.Eur.Soc.Plant Physiol., Strasbourg, 29 luglio - 3 agosto. Abstract Book, p. 690-691, 1984. Strasbourg
- 3.3 FREHNER M., KELLER F., WIEMKEN A., SCALET M., MATILE P. Subcellular compartmentation of fructan-metabolism in tubers of *Helianthus tuberosus* (L.). Congresso Soc.Ital.Fisiol.Veg., S.Margherita Ligure, 23-25 ottobre. Giornale Botanico Italiano, 119 (s-1): 81-82, 1985. Societa` Botanica Italiana, Firenze.
- 3.4 SCALET M., ALPI A. Carboxypeptidase-like activities in *Medicago sativa* L. Congresso Soc.Ital.Fisiol.Veg., S.Margherita L., 23-25 ottobre. Giornale Botanico Italiano, 119 (s-1): 121-122, 1985. Societa` Botanica Ital, Firenze
- 3.5 SCALET M., FORTE A. Proteolytic activities in alfalfa mesophyll chloroplasts. Congresso Soc.Ital.Fisiol.Veg. Roma, 29 sett.-1 ottobre. Giornale Botanico Italiano, 120 (s-1): 118-119, 1986. Societa` Botanica Italiana, Firenze (Italy).
- 3.6 SCALET M. Ferricyanide NADH-dehydrogenase activities in radish microsomes. Congresso Soc.Ital.Fisiol.Veg., Passignano sul T., 4-7 ottobre. Giornale Botanico Italiano, 122 (1-2, s-2): 87-88, 1988. Societa` Botanica Ital., Firenze
- 3.7 SCALET M. Role of an aminopeptidase in microsome of *Raphanus sativus* L. Congresso Soc.Ital.Fisiol.Veg., Passignano sul T., 4-7 ottobre. Giornale Botanico Italiano, 122 (1-2, s-2): 84-85, 1988. Societa` Botanica Italiana, Firenze
- 3.8 SCALET M. Proteolytic activities in *Abies alba* leaves. Congresso Soc.Ital.Fisiol.Veg., Passignano sul T., 4-7 ottobre. Giornale Botanico Italiano, 122 (1-2, s-2): 86, 1988. Societa` Botanica Italiana, Firenze (Italy).
- 3.9 FREHNER M., SCALET M., SELMAR D., CONN E.E. Accumulation and translocation of cyanide in higher plants. Annual Meeting and 29th Symposia of The Japanese Society of Plant Physiology, Nagoya april 5-7. Proceedings, p. 150, 1989. Nagoya (Japan).
- 3.10 FREHNER M., SCALET M., CONN E.E. Cyanide accumulation in developing fruits. Meeting American Society of Plant Physiology/Canadian Soc.Plant Physiol., Toronto (Canada) July 30-august 3. Plant Physiology, 89s: 99, 1989. American Society of Plant Physiologists, Rockville (USA).
- 3.11 SCALET M., CRIVELLATO E., MALLARDI F. An osmium-iodide post-fixation procedure to stain phenols in coffee leaves. Congresso Soc. Botanica Ital., Bologna, ottobre. Giornale Botanico Italiano, 123 (1-2, s-1): 200, 1989. Societa` Botanica Italiana, Firenze (Italy).
- 3.12 FREHNER M., SCALET M., CONN E.E. Cyanide accumulation in developing fruits. Congresso Soc.Ital.Fisiol.Veg., Alghero, 25-27 ottobre. Giornale Botanico Italiano, 123 (1-2, s-2): 117-118, 1989. Societa` Botanica Italiana, Firenze
- 3.13 MARTIN M., MICELI F., SCALET M., ZERBI G. Post-anthesis nitrogen and biomass relocation in wheat as related to nitrogen fertilization level and timing. First Congress of European Society of Agronomy, Paris, 5th-7th december. Proceedings, session 1, p. 29, 1990. European Society of Agronomy, Colmar (France).
- 3.14 ANGELINI R., SCALET M., FEDERICO R. Ruolo del catabolismo delle poliamine nei processi fisiologici di risposta a stress biotici ed abiotici. Congresso Societa` Botanica Italiana, Viterbo 2-6 ottobre 1991. Giornale Botanico Italiano, 125(3): 396, 1991. Societa` Botanica Italiana, Firenze (Italy).
- 3.15 ANGELINI R., BOTONDI R., MENCARELLI F., FEDERICO R., SCALET M. Ruolo della cadaverina nel meccanismo di risposta alla ferita in internodi di cece. Congresso Soc.Ital.Fisiol.Veg., Perugia 15-18 ottobre 1991. Giornale Botanico Italiano, 125(4): 615-616, 1991. Societa` Botanica Italiana, Firenze (Italy).
- 3.16 MARTIN M., MICELI F., ZERBI G., SCALET M., MORGAN J.A. Synthesis of osmotically active substances in winter wheat leaves related to drought resistance of different genotypes. Second Congress of European Society of Agronomy, Warwick 23-28 August 1992. Proceed., p.102-103, 1992. European Society of Agronomy, Warwicks (UK)
- 3.17 TASSAN-MAZZOCCO G., MICELI F., SCALET M., FORNASIER F., ZERBI G. Environmental factors of winter wheat quality: aspects of nitrogen nutrition. 5th international Wheat Conference, Ankara, Turkey, June 10-14, 1996. Proceedings, p. 256-257, 1996

- 3.18 DA PORTO C., NATOLINO A., SCALET M. Valorisation of vine-shoots: ultrasound-assisted extraction of proanthocyanidins. *Ultrasonic 2018 Proceedings Book* - 3rd International Caparica Conference on ultrasonic-based applications: from analysis to synthesis (ISBN: 978-989-54009-4-2), p. 90, 2018 - Caparica, Portugal

#### A.4\_Other publication and reports

- 4.1 SCALET M. I funghi presenti sulla parte aerea delle piante. *Boll. Centro Micologico Friulano* 10: 18-20, 1986
- 4.2 Dominici F., M. Pasin, M., SCALET, N. Costa, E. Spaltro, W., Stemberger. *QPR 1, Deliverable D1.2.1, Project FLOODIS (call FP7-SPACE-2013-1)*, 2013
- 4.3 Dominici F., M. Pasin, M. SCALET, N. Costa, E. Spaltro, W. Stemberger, C. Bielski, G. Zeug. *QPR 2, Deliverable D1.2.2, Project FLOODIS (call FP7-SPACE-2013-1)*, 2014
- 4.4 Pasin M., M. SCALET, N. Costa, E. Spaltro, W. Stemberger, C. Bielski, G. Zeug. *QPR 3, Deliverable D1.2.3, Project FLOODIS (call FP7-SPACE-2013-1)*, 2014

## List B – Management

### **B.1\_Appointment and functions**

- 1.1. Senior Expert of Science & Technology at the Italian Ministry of Foreign Affairs (Rome, 1997-99)
- 1.2. Scientific Secretary of the Italian National Committee for the UNESCO programme MAB, Man and Biosphere and the Italian network of the Biosphere reserves (1998-99)
- 1.3. Counsellor and Head of Science & Technology Office, Italian Embassy of Seoul (1999-2003)
- 1.4. Desk Officer for relation between the EU and the Korean peninsula (2006)
- 1.5. Programme Officer for the EU Research programme on International cooperation (2007-2010)
- 1.6. Head of Science Unit and Deputy Director, UNESCO Regional Office for Science and Culture in Europe (2010-2014)

### **B.2\_Member of Steering Committee / Board**

- 2.1 Board of Directors of the University of Udine (1986-90)
- 2.2 Board of Directors of “Ente Regionale per il Diritto allo Studio Udine ERDISU” (1991-94)
- 2.3 Italian National Commission of UNESCO, Committee for Natural Science (1997-99)
- 2.4 Board of Directors of the “Istituto per il Diritto Agrario Internazionale e Comparato” – IDAIC, Florence, Italy (1998 - 2000)
- 2.5 Italian Committees for UNESCO scientific programmes MAB-Man and Biosphere, IOC – International Oceanographic Commission, IHP-International Hydrological Programme (1997-99)
- 2.6 Italian Interministerial Committee for Biodiversity (2005-2006)
- 2.7 International Centre for Science and High Technology – ICS, Trieste (2004-2005)
- 2.8 The India-Trento Program for Advanced Research ITPAR (2004-2006)
- 2.9 The International Centre for Genetic Engineering and Biotechnology–ICGEB, Trieste (2004-2005; 2012)
- 2.10 Advisory Board of the EU Research Programme on Social Science and Humanities (2011-2012)
- 2.11 Scientific Council & Steering Board of The International Centre for Theoretical Physics – ICTP, Trieste (2014)

## List C – Conferences & Meetings (schools, projects, etc.)

*Intervention as a speaker, coordinator, organizer, editor of proceedings, chairman*

### **C.1\_Organizer and/or speaker in international meetings - Main events (Italian Minister of Foreign Affairs, 1997-99)**

- 1.1 International Seminar "La gestione delle risorse comuni nel Machrek: il caso del fiume Giordano". Napoli, March 27-28, 1997 (speaker, round table)
- 1.2 International Meeting on the Advanced monument restoring technology "Due proposte per il Mediterraneo: un Istituto di Radiologia Artistica e dei Beni Culturali, un Centro pilota di Diagnostica per Immagini". Palermo, June 13-14, 1997 (Institutional speaker)
- 1.3 XIX Assembly of the Intergovernmental Oceanographic Commission. Paris, July 9-12, 1997 (official Italian delegate)
- 1.4 Meeting on the Italian scientific initiative I Arctic. Camera dei Deputati, Roma October 14th, 1997 (organizing committee member)
- 1.5 International Meeting "Water in the Mediterranean region". Napoli, December 4-5, 1997 (speaker and member of the organizing committee). *Proceedings published by Il Mulino, Bologna, 1998.*
- 1.6 International Seminar "The University of Palermo in Latin America: Collaboration and scientific exchanges". Palermo, Feb 23, 1998 (speaker)
- 1.7 Round Table on Physics at the UNESCO Regional Office, Venice, February 25, 1998 (speaker)
- 1.8 Forum Asia-Europe on Interuniversity Cooperation. Kuala Lumpur (Malaysia), March 15-22, 1998 (Italian national delegate)
- 1.9 II International Conference of Anthropology and Health History - Project "Le Vie del Grano e della sua trasformazione-Elementi di scambio e di unione delle diverse culture mediterranee", Genova, April 2-5, 1998 (speaker)
- 1.10 Seminar "New material and methods for preservation, conservation and restoration of the Mediterranean cultural heritage and the development of an innovative environmental friendly form of tourism". Napoli, April 24-25, 1998 (institutional speaker)
- 1.11 Meeting "La Piramide sul Tetto del mondo", Camera dei Deputati, Roma, May 21st, 1998 (member of the organizing committee)
- 1.12 The Commemoration Day of the "Dirigibile Italia" enterprise, Roma July 1998 (organizing committee)
- 1.13 International Meeting on the Cadastre in the Black Sea Region Countries "The FAO High Level Technical Seminar – Bertinoro II". Bertinoro (Cesena), September 22-26, 1998 (institutional speaker)
- 1.14 International Meeting of the ICOM-Textile Working Group, "Interdisciplinary Approach to the study and conservation of the Middle Ages Handmade Textile". Palermo, October 22-24, 1998 (institutional speaker and member of the scientific committee)
- 1.15 VIII Centenary of the Federico II birth. Minimal opening of the Imperial Sarcophagus -Project "Tombe Reali della cattedrale di Palermo – Studi, Indagini e Restauro". Palermo, 2 november 1998 (Institutional speaker and member of the organizing committee)
- 1.16 Joint Commission for Scientific and Technological Cooperation between Italy and Chile. Santiago, 12-13 November 1998 (official delegate)
- 1.17 International Seminar "Integrated land management for the local sustainable development: the Po Delta del Po as a pilot study of the Mediterranean sensible areas". Contarina (Venezia), 14-16 December 1998 (speaker)
- 1.18 UNESCO International School of Science for Peace. Forum "Water Security in the Third Millennium: Mediterranean Countries towards Regional vision". Como, April 12-15, 1999 (organizing committee)
- 1.19 Conference on "The Role of the Scientific Attaché". Ministero degli Affari Esteri, Roma, May 24-25, 1999 (coordinator)

- 1.20 World Science Conference organized by UNESCO and ICSU, Budapest July 1999 (national focal point and delegate)
- 1.21 Seminar "Rural development: contents, models and policies in the E.U. towards the 21th Century". Perugia, June 17-27, 1999 (speaker)

## **C.2\_Editor of proceedings and meeting organizer on S&T collaboration between Italy and South Korea (1999-2003)**

- 2.1 Korea-Italy Seminar "Design, Laying & Maintenance in Stone Building, Korea Speciality Construction Center, Seoul (December 6, 1999)
- 2.2 Seminar "Advanced topological methods in theoretical physics towards a non-perturbative approach", Asia Pacific Centre for Theoretical Physics-APCTP, Seoul (December 20, 1999)
- 2.3 Forum on "The challenge of North Korea and the international cooperation on nuclear and non-nuclear related issues: towards promoting the Peninsula stability and the international S&T assistance", Istituto Diplomatico "Mario Toscano", Roma, 15-16 maggio 2000
- 2.4 Korea-Italy Workshop on Health System: New Perspectives on Medical Training, Research and Management, Seoul National University, Seoul (September 6, 2000)
- 2.5 The First Korea-Italy Workshop on "Web-based Information Analysis", Seoul National University, Seoul, (November 6-7, 2000)
- 2.6 Italy-Korea Symposium on the Railroad Research, Korea Railroad Research Institute, Uiwang, Republic of Korea (November 10, 2000)
- 2.7 Seminar on "Italian emergency care service", Seoul National University, Seoul (December 7, 2000)
- 2.8 Italy-Korea Roundtable on Environmental Cooperation (a satellite meeting of the XII World Clean Air & Environment Congress), Sheraton Walker Hotel, Seoul (August 30, 2001)
- 2.9 Seminar on High Energy Physics, CHEP, Kyungpook National University, Daegu (November 8, 2001)
- 2.10 Seminar on Multidisciplinary approach to a full mouth rehabilitation, Yonsei University, Seoul (December 11th, 2001)
- 2.11 Korea-Italy Workshop on Biomedical Microsystem and Nanotechnology, Korean Institute of Science & Technology-KIST, Seoul (December 5-8, 2001)
- 2.12 Italy-Korea Joint Symposium in Agrofood Biotechnology, Seoul National University, Seoul, Rep. of Korea (December 13, 2001)
- 2.13 Korea-Italy Joint Seminar on Energy Cooperation in the Korean Peninsula, National Assembly of the Republic of Korea, Seoul (December 17, 2001)
- 2.14 Seminar "Italy. University of Ferrara and MaSTem, a cooperation program between Industry and University", Pusan National University, Busan, Republic of Korea (March 29, 2002)
- 2.15 International Workshop on Upgrading and Integration of Energy Systems in the Korean Peninsula. Energy Scenarios for the DPR of Korea, Council Room, Municipality of Como, Italy (Sept 19-21, 2002)
- 2.16 First Korea-Italy Workshop on Polar Research, KORDI, Ansan, Rep. of Korea (October 4, 2002)
- 2.17 Korea-Italy Workshop on Fuel Cell, KIST, Seoul (October 14-20, 2002)
- 2.18 Italy-Korea Roundtable on wildlife management and protection, Kagwon National University, Chunchon, Rep. of Korea (October 24, 2002)
- 2.19 Seminar "Decoupling Political and Energy Technical Issues between the North and South. A Way Forward", Kyungpook National University, Daegu, Rep. of Korea (December 2, 2002) and Korean Energy Economics Institute-KEEI, Euiwang-si, Rep. of Korea (December 3, 2002)
- 2.20 Workshop on Bioinformatics for Biotechnology, Seoul National University, Seoul (December 6, 2002)

- 2.21 The 2<sup>nd</sup> Korea-Italy Joint Seminar on Energy Cooperation in the Korean Peninsula: Ocean Current and Tidal Power development, National Assembly of the Republic of Korea, Seoul (July 25, 2003)
- 2.22 First Korea-Italy Science & Technology Forum, Hotel Shilla, Seoul (September 23-24, 2003)

### C.3\_Participation to international S&T events (period 2003-2005)

- 3.1 European Consultative Meeting on Biotechnology in preparation for the UNIDO Global Biotechnology Forum. Vienna, December 9-12, 2003 (**Italian delegate as a national expert**)
- 3.2 Science and Technology for Sustainable Development: G-8 Action Plan Meeting of Senior G-8 Research and Policy Officials", Washington, April 19-20, 2004 (**Italian delegate** as a national Expert of Biodiversity and Sustainable Agriculture)
- 3.3 II Meeting of the Steering Committee of ITPAR, the India-Trento Program for Advanced Research. New Delhi, 18-19 november 2004 (**Member of the Committee**)
- 3.4 International Conference "Biodiversity: Science and Governance". Paris, 24-28 January 2005 and participation to the Preliminary and following Meeting of the International Steering Committee (**Delegate of the Italian Ministry of S&T research**)
- 3.5 Seminar "Biotechnology and Environment" - BIONOVA, International Fair for Biotechnology and Bioengineering. Padova, 22 April 2005 (**speaker**)
- 3.6 Journée Franco-Italienne "Biodiversité: Gouvernance, Priorités et Programmes de Recherche" Paris, October 7, 2005 (**speaker**)

### C.4 Participation to International events and EU project meetings as a representative of EC-RTD and/or as a speaker on the European policies on the S&T international cooperation and the implementation of the International activities within the European research Framework programmes (2007-2009)

- 4.1 Steering Committee Meeting of the FP6-INCO project REACT, Self-Sufficient Renewable Energy Air-Conditioning Systems for Mediterranean Countries. Firenze, 22-23 February 2007
- 4.2 Workpackage Leaders Meeting of the project FP6 INCO SODISWATER, Solar disinfection of drinking water for use in developing countries or in emergency situations. Almeria (Spain), 1-2 March 2007
- 4.3 The 2nd Contractor Management Meeting of the INCO FP6 project CEDROME – Developing drought-resistant cereals to support efficient water use in the Mediterranean area. Sousse (Tunisia), 29 March-1 April 2007
- 4.4 Seminar "La Nuova Programmazione Comunitaria 2007-2013 e la pianificazione strategica: Il Quadro strategico nazionale, i programmi operativi regionali e altri strumenti per l'accesso ai fondi comunitari europei"; speech on "Research & Innovation as priority of the EU policies within the 7th Framework Programme " Organized by Fondazione Giovanni Agnelli. Roma, 28-29 maggio 2007
- 4.5 Seminar "The International dimension of the 7th Framework Programme " organized by the Italian regional offices in Bruxelles, ICE and Unioncamere. Bruxelles, 11 July 2007
- 4.6 Steering Committee Meeting – Inco FP6 Project ASSESS HKH, Development of an Assessment System to Evaluate the Ecological Status of Rivers in the Hindu Kush-Himalayan Region. Thimphu and Paro (Bhutan), 5-9 August 2007
- 4.7 Steering Committee Meeting of the FP6 Inco project ECOMANAGE, Integrated Ecological Coastal Zone Management System. Lisbon (Portugal), 24-25 September 2007
- 4.8 Steering Committee Meeting of the FP6-INCO project TRITIMED, Exploiting the wheat genome to optimise water use in Mediterranean ecosystems. Rothamsted Research, Harpenden (U.K.), 27-28 September 2007.
- 4.9 Lecture on "Cultural Heritage and International Cooperation within the FP7", 3rd International Meeting on "Science and Cultural Heritage in the Mediterranean Area". Palermo (Italy), 18-21 October 2007
- 4.10 Meeting on the International Activities of the program Capacities (INCO) within the 7th FP. Ministero dell'Università e Ricerca. Roma, 29 October 2007.

- 4.11 Seminar "La cooperazione internazionale nel Settimo Programma Quadro di Ricerca e Sviluppo Tecnologico: il programma Attività specifiche di ricerca e cooperazione internazionale". Training session for the Chamber of Commerce and business operators of Liguria and Piemonte. Bruxelles, 12-13 November 2007.
- 4.12 The 2nd Project Meeting of SUPPORT, Specific measures in support of international co-operation: Health care system, policy and management. Cape Town, South Africa, 14-17 November 2007.
- 4.13 Steering Committee Meeting of the FP6-INCO project RISE, Renewables for isolated systems – Energy supply and waste water treatment. Athens (Greece), 22-23 November 2007.
- 4.14 Project Meeting of CEDROME (INCO-FP6), Developing drought-resistant cereals to support efficient water use in the Mediterranean area. Montpellier (France), 13-14 December 2007.
- 4.15 Workshop on "International Cooperation Activities in FP7: the Specific Programme Capacities", Regional Agency for the Research activities of Umbria (AUR). Perugia, Italy, 20-21 December 2007
- 4.16 Kick-off Meeting of the FP7 INCO project SEA-EU-NET, Facilitating the Bi-Regional EU-ASEAN Science and Technology Dialog. Bonn (Germany), 21-22 January 2008
- 4.17 The 3rd Project Meeting of POWERSOL (Renewable Energy: Cost-effective renewable energies for Mediterranean specific needs, INCO-FP6); visit to the Agricultural Research Center (ARC); meeting with the S&T counsellors at EC delegation of Cairo and Tel Aviv. Cairo (Egypt), 19-23 February 2008
- 4.18 Mid Term Review Meeting of the Inco Project BOMOSA, Integrating BOMOSA cage fish farming systems in reservoirs, ponds and temporary water bodies in Eastern Africa. Alagae, Addis Ababa (Ethiopia), 1-4 April 2008.
- 4.19 Mid Term Review Meeting - Project OPTIWHEAT, Improving the yield stability of Durum wheat under Mediterranean conditions. Amman (Jordan), 25-28 aprile 2008.
- 4.20 Review meeting with the coordinators of INCO projects CEDROME, OPTIWHEAT, TRITIMED, IDuWUE, WatNitMed. - Bologna, 1 July 2008
- 4.21 Mid Term review Meeting of the project CEDROME. – Bologna, 3–4 July 2008
- 4.22 Seminar of the Mach Foundation on the EU VII Framework Research Programme. - S. Michele all'Adige (Trento), 7 July 2008
- 4.23 Meeting on the International Activities within SP Capacities of FP7 - Roma, 9 July 2008
- 4.24 Mid Term Review Meeting - Project AMARANTH: FUTURE-FOOD, Adding Value to Holy Grain: Providing the Key Tools for the Exploitation of Amaranth – the Protein-Rich Grain of the Aztecs (INCO-CT-2006-032263). Prague (Czech Republic), 25-30 August 2008
- 4.25 Mid Term Review Meeting – INCO Project RAMSES (Renewable Energy Agricultural Multipurpose System for Farmers), Warsaw (Poland), 6-8 October 2008
- 4.26 SEA-EU-NET Project meeting (FP7-INCO-2007-212334): General Assembly; Bi-regional policy dialogue; Steering Committee Meeting. Paris, 19-21 November 2008
- 4.27 Mid Term Review Meeting – FP6-INCO Project OPEN-GAIN ((Optimal Engineering Design for Dependable Water and Power Generation in Remote Areas Using Renewable Energies and Intelligent Automation). Tunis (Tunisia), 16-18 December 2008
- 4.28 EU-Morocco Joint Science and Technology Cooperation Committee (JSTCC), Rabat (Morocco), 22 January 2009
- 4.29 Kick-off Meeting, Project M2ERA (FP7-2007-INCO-Bilat-222745), Rabat (Morocco), 23 January 2009
- 4.30 Kick-off Meeting - Project KORANET (FP7-INCO-Eranet), Bonn, 16-17 February 2009
- 4.31 Final Meeting - Project FP6-INCO TRITIMED (Exploiting the wheat genome to optimise water use in Mediterranean ecosystems) Settat (Morocco), 4-5 May 2009
- 4.32 Workshop on evaluation parameters - Project M2ERA (FP7-INCO-Bilat), Rabat (Morocco), 7-8 May 2009

- 4.33 Final Conference of FP6-INCO Project PROHITEC (FP6-INCO) Seismic Protection of Historical Buildings by Reversible Mixed Technologies, Rome, 21-22 June 2009
- 4.34 Forum on R&D in South Korea. FP7 INCO Project KESTCAP, Berlin 23-24 June 2009
- 4.35 Mapping Workshop (WP1) and Funding Party Workshop (WP3) - Project KORANET (FP7-INCO-Eranet), Berlin 24-25 June 2009
- 4.36 Final Meeting - Project WATNITMED (FP6-INCO-509107), Zaragoza (Spain) 8-10 July 2009
- 4.37 Workshop on Agriculture, Food & Biotechnology – Project MIRA (FP7-INCO-211359). Bari, 12-14 July 2009
- 4.38 Mid Term Review Meeting – MARAMA II (FP6 INCO project no. 032059), Development of Innovative and Healthful Marama Bean (*Tylosema Esculentum*) Products Targeting Niche Markets Copenhagen (Denmark), 18-21 August 2009
- 4.39 Info-day on the International Activities (INCO) within SP Capacities of FP7, Roma, 23 September 2009
- 4.40 Project meetings and annual Conference of KORANET (FP7-INCO project no. 226154), Era-net project for enhancing the existing research partnership between European countries and Korea, Seoul, 12-16 October 2009
- 4.41 WBC-INCO.NET Project meetings (FP7-INCO project no. 212029), Executive Steering Board, Steering Platform and Plenary meetings. Zagreb (Croatia), 28-30 October 2009
- 4.42 Final Conference of project COMPETE (FP6\_INCO) 'Bioenergy for Sustainable Development in Africa' \_Lessons Learnt from COMPETE. Bruxelles, 24-25 November 2009
- 4.43 Workshop for the definition of an approach to put in place thematic NCPs and First Management Board, M2ERA (FP7 INCO project n. 222745), Rabat, 11-12 December 2009.

**C.5 Participation to International events (conferences, schools, working meetings, etc.) as a speaker, organizer or member of scientific committee during the UNESCO period (2010-2014)**

- 5.1 Seminario Aree Protette e Designazioni UNESCO - Roma, CNR, 28 Sept 2010 – **Speaker**
- 5.2 UNESCO World Science Day for Peace and Development - Venice, 10 Nov 2010 - **Organizer & Speaker**
- 5.3 International Scientific Conference “Research & Development as the Basis for Innovation in Creating the Competitive Region” – Podgorica 12-13 November 2010 – **Speaker**
- 5.4 International Conference, “Imaging the Worst: Foresight, Ethics, and Extreme Climate Scenarios” - Bled, Slovenia, 1-3 March 2011 – **Speaker**
- 5.5 International Conference “Data Flow – From Space to Earth Applications” – Venice, 21-23 March 2011 – **Member of Scientific Committee**
- 5.6 Seventh meeting of the Scientific Board of the International Basic Sciences Programme (IBSP) - Paris, 28-29 March 2011 – **Speaker**
- 5.7 Conference "Energy management in cultural heritage" - Dubrovnik, Croatia, 6-8 Apr 2011 - **Co-organizer & Speaker**
- 5.8 Workshop on transboundary/shared water systems and science diplomacy in South Eastern Europe - Venice, 11-12 July 2011 - **Organizer & speaker**
- 5.9 Summer School of Science Communication Society – SCS, “Science for the future. Innovation, sustainability, uncertainty” - Museo di Scienze Naturali, Turin, 3-8 July 2011 - **Member of Scientific Committee**
- 5.10 Balkan Summer Institute (BSI) in Physics\_ International Seminars and Summer School of the SEE Network on Mathematics and Teoretical Physics - Donji Milanovac, Serbia, 20-31 August 2011 – **Speaker & Sponsor**
- 5.11 UNESCO Regional Summer School in Renewable Energy and Energy Efficiency Governance - Fojnica, Bosnia, 23 Aug-3 Sept 2011 – **Organizer & Speaker**

- 5.12 Meeting to discuss a proposal to initiate an international programme on science diplomacy - Trieste, 31 Aug 2011 – **Speaker**
- 5.13 International Summer School “Environment and Natural Resources Economy” – Belpasso, Catania (Italy), 5-10 September 2011 – **Co-organizer & speaker**
- 5.14 Joint EPS-SIF International Workshop to launch the idea of the proclamation of an International Year of Light (IYOL) in 2015 - Varenna, Italy, 16 Sept 2011 – **Speaker**
- 5.15 SEE Network in Phytochemistry and Chemistry of Natural Products \_International Workshop - Sofia, Bulgaria, 30 Sep-1Oct 2011 - **Co-organizer, Speaker**
- 5.16 Internat Workshop “Mobilize Diaspora4SD” - Sarajevo, 12 Oct 2011 - **Co-organizer, Speaker**
- 5.17 World Science Day “La Ricerca Scientifica per uno Sviluppo Responsabile” - Venice, 10 Nov 2011 - **Organizer & Chairman**
- 5.18 Board of Governors of the International Centre for Genetic Engineering and Biotechnology (ICGEB) - Trieste, 16-17 Nov 2011 – **Member as UNESCO DG Representative**
- 5.19 Seminar “Science, Technology & Innovation in South Eastern Europe” within the MABAC Master Course, University Ca’ Foscari – Venice 12 December 2011 - **Lecturer**
- 5.20 UN International Day of Chemistry-Italy\_Prize for Chemistry in SEE\_Final Ceremony - Rome, 15 Dec 2011 - **Co-sponsor & Organizer (prize)**
- 5.21 Meeting of the Expert Advisory Group for the Socio-economic Science and Humanities - Brussels, 2 Feb 2012 – **Member as an Expert**
- 5.22 Conference “Il Sapere che resiste” - Firenze, 24 Mar 2012 – **Speaker**
- 5.23 Workshop of the EU-IPA project “Regional R&D Strategy for Innovation in the Western Balkans” - Sarajevo, 27-28 March 2012 - **Speaker, Session chairman**
- 5.24 International Workshop “Higher Education and Professional Responsibility for Greater Adherence to International Standards in Chemical, Biological, Radiological and Nuclear (CBRN) Applied Sciences and Technology in the Sub-Mediterranean region” - Venice, Italy, 3-4 April 2012 - **Organizer, Speaker, session Chairman**
- 5.25 12th International Conference “Public Communication of Science and Technology” PCST 2012\_Session on SEE Science communication - Florence, 18-20 Apr 2012 – **Co-organizer; session Chairman; Speaker as a representative of UNESCO DG**
- 5.26 Regional Steering Committee and Workshop of the SEE Network of Phytochemistry - Sofia, Bulgaria, 17-18 May 2012 - **Co-organizer & Speaker**
- 5.27 International Workshop “Green and Sustainable Chemistry” - Venice, 8 June 2012 – **Speaker**
- 5.28 Regional University Forum “Promoting and Integrating of Values and Principles of Culture of Peace in High Education” - Bitola, Macedonia, 6-8 July 2012 - **Co-organizer & Speaker**
- 5.29 International Conference on Mathematics and Physics Scientific Research in SEE and the Need for Science Policy - Craiova, Romania, 19-22 Sept 2012 - **Co-organizer & Speaker**
- 5.30 Danube Academies Conference “The Voice of Science” - Budapest, 25 sept 2012 – **Speaker**
- 5.31 South East European School of Sustainable Energy Governance in UNESCO Designated Sites - Dubrovnik, Croatia, 30 Sep-4 Oct 2012 – **Organizer & Speaker**
- 5.32 Intern. Historic Town Conference - Dubrovnik, Croatia, 4-5 Oct 2012 - **Organizer & Speaker**
- 5.33 South East European Ministerial Round Table on Science Technology & Innovation - Sarajevo, 23 Nov 2012 – **Organizer & Chairman of session**

- 5.34 Expert Meeting on Science Technology & Innovation in South Eastern Europe - Sarajevo, 22 Nov 2012 - **Organizer; Speaker; Chairman of session**
- 5.35 Kick off meeting of the EU funded project INCREO - Brussels, 12-13 Feb 2013 - **Project partner, speaker**
- 5.36 Steering committee of the EU-IPA project "Regional R&D Strategy for Innovation in the Western Balkans" - Vienna, 9 April 2013 - **Speaker, project partner**
- 5.37 First meeting on R&D and Innovation dimension of the Smart Growth pillar of the SEE2020 Strategy - Vienna, 10 April 2013 – **Speaker as UNESCO representative**
- 5.38 Workshop of SEE Network of MTP "Beyond the Standard Model; SEENET-MTP Board meeting - Vrnjacka Banja, Serbia, 25-29 April 2013 - **Co-organizer, Speaker**
- 5.39 Interministerial Workshop "Increasing Resilience through Earth Observation for the Skadar" - Tirana, Albania, 13-14 May 2013 – **Organizer & Speaker**
- 5.40 International Conference LINQ 2013 "Learning Innovation and Quality: The Future of Digital Resources", Rome, 16-17 May 2013 – **Member of Scientific Committee & Invited Speaker**
- 5.41 Scientific Council & Steering Board of the ICTP, the International Centre for Theoretical Physics - Trieste, 23-24 May 2013 – **Member as a representative of UNESCO DG**
- 5.42 SEE PhytoChemNet Workshop "Medicinal and Aromatic Plants in South East Europe: Environmental and Socio-Economic challenges" - Plovdiv, Bulgaria, 30-31 May 2013 – **Speaker & Co-Organizer**
- 5.43 The first SEE Regional Forum of UNESCO Chairs and UNITWIN network - Istanbul, Turkey, 11-13 June 2013 - **Organizer, Session Chairman, Speaker**
- 5.44 Euro-Mediterranean and Middle East School for Science Communication (EMME) - Granada (Spain), 22-26 Sept 2013 – **Speaker**
- 5.45 Trieste Next-Salone Europeo della Ricerca Scientifica\_Water WISE session - Trieste, Italy, 27-29 Sept 2013 - **Member Scientific Board**
- 5.46 SEE School of Sustainable Energy Governance in UNESCO World Heritage Sites - Dubrovnik, Croatia, 29 Sep -4 Oct 2013 – **Organizer & Speaker**
- 5.47 International Workshop "Upgrading Life in Historical Towns –Sustainable Energy" - Dubrovnik, Croatia, 3-4 Oct 2013 - **Co-organizer**
- 5.48 First SEE Regional Science Promotion Conference - Belgrade, Serbia, 2-3 Oct 2013 – **Speaker & Co-organizer**
- 5.49 UNESCO South East European (SEE) Science Journalism School - Belgrade, Serbia, 3-5 Oct 2013 – **Organizer & Speaker**
- 5.50 Kick-off Meeting Project FLOODIS - Torino, 14-15 Oct 2013 - **Project Partner, speaker**
- 5.51 National conference «L'Unesco per la salvaguardia del Patrimonio Naturale e lo sviluppo sostenibile del pianeta» - Firenze, 18 Oct 2013 – **Speaker**
- 5.52 International Forum on Renewable Energy "Towards raising energy and economic efficiency" REENFOR 2013 - Moscow, 22-23 October 2013 - **Co-Organizer, session Chairman, Speaker**
- 5.53 Steering Committee meeting of Project on Western Balkans Regional R&D Strategy for Innovation\_Ministerial meeting - Zagreb, Croatia, 24-25 Oct 2013 – **Member & Speaker**
- 5.54 UNESCO World Science Day for Peace and Development - Napoli, Italy, 9 November 2013 - **Co-organizer & Speaker**
- 5.55 Workshop on Sustainable Exploitation of Medicinal and Aromatic Plants within the UNESCO Biosphere Reserves in the South East Europe, Venice 15 Nov 2013 - **Organizer & Speaker**

- 5.56 Workshop on “Nonlinear Mathematical Physics and Natural Hazards” & Round Table on regional cooperation - Sofia, 25-27 Nov 2013 - **Co-Organizer, Session Chairman, Speaker**
- 5.57 Workshop on “Assessment and strategy on Science, Technology and Innovation (STI) statistical systems in the Western Balkan Countries (WBC) - Paris, 5 December 2013 – **Organizer & Speaker**
- 5.58 Steering Platform on Research for Western Balkan Countries (WBC) - Zagreb, Croatia, 11-12 Dec 2013 - **Project partner, speaker**
- 5.59 1st Observatory Networking Meeting on Policy, Societal Challenges and Cooperation \_ EU FP7 project “Med-Spring, Mediterranean Science, Policy, Research and Innovation Gateway” - Paris, 19 Dec 2013 – **Speaker & network member**
- 5.60 Review meeting of IncREO EU Project - Brussels, 23-24 Jan 2014 - **Project partner, speaker**
- 5.61 Executive Board of the International Geoscience Programme IGCP of UNESCO - Paris, 17-18 Feb 2014 – **Member**
- 5.62 Inter-institutional / donors and stakeholders Workshop, ERA NET MED Project EU-FP7 - Athens, 27-28 Feb 2014 - **Project guest, speaker**
- 5.63 Final Conference of the EU project WBC-INCO.net - Vienna, 27-28 March 2014 - **Project partner, speaker**
- 5.64 OCW Conference 2014 - Open Education for a Multicultural World - Ljubljana, Slovenia, 23-24 April 2014 - **Session Chairman, Speaker**
- 5.65 Conference “Water, energy, food and ecosystems nexus in the Mediterranean Region” - Beirut, 22-23 May 2014 – **Speaker**
- 5.66 Workshop “Widening participation of CEI Countries in the EU Research Programs – Training and research in Physics” - Bucarest, Romania, 26-27 May 2014 - **Co-Organizer, Session Chairman, Speaker**
- 5.67 Global Space Applications Conference (GLAC 2014) - Paris, 2 June 2014 – **Speaker**
- 5.68 Progress meeting (MS3) of the EU project FLOODIS - Ispra, Italy, 3-4 June 2014 - **Project partner, speaker**
- 5.69 SEE Regional Science Journalism and Communication Workshop - Podgorica, Montenegro, 19-22 Sept 2014 - **Organizer**

#### **C.6\_Organizer and/or speaker of academic conferences/meetings (since 2016)**

- 6.1 Seminar “Mobility of researchers within the framework of European and other international programmes”, educational activity for Doctoral students, University of Udine, 9 march 2016 - **Speaker**
- 6.2 Round Table “La formazione ambientale” organized within the university course of Environmental Management – Udine, Italy, 2 December 2016 - **Organizer, Session Chairman**
- 6.3 Conference “Alberi Monumentali del FVG: nuove regole e linee guida. Una Regione attenta alla cura e tutela dei suoi grandi alberi” organized by the Regional Government of Friuli Venezia-Giulia - Udine 28 ottobre 2017 - **Speaker**
- 6.4 Workshop “Formazione professionale e opportunità lavorative dei laureandi in Scienze per l’Ambiente e la Natura e Scienze e Tecnologie per l’Ambiente e il Territorio”, organized within the university course of Environmental Management – Udine, Italy, 10 January 2018 - **Organizer, Speaker**
- 6.5 Conference “Il passato che ritorna per un mondo sostenibile – La Canapa: prospettive per un’agricoltura che guarda alla sostenibilità e alle tradizioni del territorio”. Intervento su “La Canapa nell’Economia Circolare” – Pordenone, 21 aprile 2018 - **Speaker**

List D - INCO projects portfolio (FP6 & FP7) as S&T Research Programme Officer

*1\_Coordination and Support Actions (CSA) for International Cooperation (Policy) - EU INCO FP7*

No.	Acronym	Project Title	EU number
1.1	<b>SEA-EU-NET</b>	Facilitating the Bi-Regional EU-ASEAN Science and Technology Dialog	212334
1.2	<b>MIRA</b>	Mediterranean Innovation and Research Coordination Action	
1.3	<b>KESTCAP</b>	Korea-EU Science and Technology Cooperation Advancement Programme	222087
1.4	<b>M2ERA</b>	Integrating Morocco to the ERA	222745
1.5	<b>KORANET</b>	ERAnet project for Republic of Korea	

*2\_Projects of International Cooperation in **Agriculture/Environment** - EU INCO FP6*

No.	Acronym	Project Title	EU number
2.1	<b>Africanuances</b>	Exploring tradeoffs around farming livelihoods and the environment: the AfricaNUANCES framework	INCO-CT-2004-003729
2.2	<b>AMARANTH: FUTURE FOOD</b>	Adding value to Holy grain: providing the key tools for the exploitation of Amaranth the protein rich grain of the aztecs	INCO-CT-2006-032263
2.3	<b>AQUARHIZ</b>	Modulation of plant-bacteria interactions to enhance tolerance to water deficit for grain legumes in the Mediterranean dry lands	INCO-CT-2004-509115
2.4	<b>Assess HKH</b>	Development of an assessment system to evaluate the ecological status of rivers in the hindu Kush-himalayan region	INCO-CT-2005-003659
2.5	<b>CALTER</b>	Long term ecological research program for monitoring aeolian soil erosion in Central Asia	INCO-CT-2005-516721
2.6	<b>CEDROME</b>	Developing drought-resistant cereals to support efficient water use in the Mediterranean area	INCO-CT-2006-015468
2.7	<b>COMSHELFRISKS</b>	Promoting a Combined Approach to Investigating Risks of Earthquakes, Landslides, and Tsunamis in Coastal, Shelf, and Continental Slope Areas	INCO-CT-2004-502247
2.8	<b>CORRIDOR</b>	Working group on evaluation and synthesis of information on tree cover to balance productivity and biodiversity in-agricultural landscapes along the Mesoamerican Biological Corridor	INCO-CT-2006-517644
2.9	<b>EULACIAS</b>	Breaking the spiral of unsustainability in arid and semi-arid areas in latin America using an ecosystems approach for co-innovation of farm livelihoods	INCO-CT-2007-32387
2.10	<b>FOSRIN</b>	Food security through ricebean research in India and Nepal	INCO-CT-2006-032055
2.11	<b>MARAMAIL</b>	Development of innovative and healthful maramabeans ( <i>Tylosema esculentum</i> ) products targetting niche markets	INCO-CT-2006-032059
2.12	<b>OPTIWHEAT</b>	Improving the yield stability of durum wheat under mediterranean conditions	INCO-CT-2006-015460
2.13	<b>RETPEC</b>	Range Enclosure on the Tibetan Plateau of China: Impacts on Pastoral Livelihoods, Marketing, Livestock Productivity and Rangeland Biodiversity	INCO-CT-2006-32350
2.14	<b>TRITIMED</b>	Exploiting the wheat genome to optimise water use in Mediterranean ecosystems	INCO-CT-2004-509136
2.15	<b>WatNitMED</b>	Management Improvements of WUE and NUE of Mediterranean Strategic Crops (Wheat and Barley)	INCO-CT-2005-509107

### 3\_ Projects of International Cooperation in **Coast Management / Fisheries** - EU INCO FP6

No.	Acronym	Project Title	EU number
3.1	<b>BOMOSA</b>	Integrating BOMOSA cage fish farming systems in reservoirs, ponds and temporary water bodies in Eastern Africa	INCO-CT-2006-032103
3.2	<b>ECOManage</b>	Integrated Ecological Coastal Zone Management System	INCO-CT-2004-003715
3.3	<b>ECOST</b>	Ecosystems, Societies, Consilience, Precautionary principle: Development of an assessment method of the societal cost for best fishing practices and efficient public policies	INCO-CT-2005-003711
3.4	<b>FINGERPONDS</b>	The dynamics and evaluation of finger ponds in East African freshwater wetland ecotones using appropriate fish production techniques	ICA4-CT-2001-10037
3.5	<b>MAMAS</b>	Managing Agrochemicals in Multi-Use Aquatic Systems	ICA4-CT-2001-10031
3.6	<b>MANGROVE</b>	Mangrove ecosystems, communities and conflict: developing knowledge-based approaches to reconcile multiple demands	INCO-CT-2005-003697
3.7	<b>MUGIL</b>	Main Uses of the Grey mullet as Indicator of Littoral environmental changes	INCO-CT-2006-026180
3.8	<b>PASARELAS</b>	Discovery Modelling Mediation Deliberation: Interface Tools for Multistakeholder Knowledge Partnerships for the Sustainable Management of Marine Resources and Coastal Zones	INCO-CT-2005-012054
3.9	<b>PHILMINAQ</b>	Mitigating impact from aquaculture in the Philippines	INCO-CT-2006-031640
3.10	<b>PUMPSEA</b>	Peri-urban mangrove forests as filters and potential phytoremediators of domestic sewage in East Africa	INCO-CT-2005-510863
3.11	<b>REEFRES</b>	Developing ubiquitous practices for restoration of Indo-Pacific reefs	INCO-CT-2004-510657
3.12	<b>SPEAR</b>	Sustainable options for People, Catchment and Aquatic resources	INCO-CT-2004-510706
3.13	<b>TRANSMAP</b>	Transboundary networks of marine protected areas for integrated conservation and sustainable development: biophysical, socio-economic and governance assessment in East Africa	INCO-CT-2004-510862
3.14	<b>Waterman</b>	Dissemination of research results in semi-arid and arid ecosystems with a focus on sustainable water resource management in Ethiopia	INCO-CT-2006-031694

### 4\_ Projects of International Cooperation in **Renewable Energy** - EU INCO FP6

No.	Acronym	Project Title	EU number
4.1	<b>CRESMED</b>	Cost efficient and reliable rural electrification schemes for South Mediterranean countries based on multi user Solar Hybrid grids	INCO-CT-2006-015286
4.2	<b>ADEG</b>	Advanced Decentralised Energy Generation Systems in Western Balkans	INCO-CT-2002-509187
4.3	<b>COMPETE</b>	Competence Platform on Energy Crop and Agroforestry Systems for Arid and Semi-arid Ecosystems - Africa	032448
4.4	<b>OPEN-GAIN</b>	Optimal Engineering Design for Dependable Water and Power Generation in Remote Areas Using Renewable Energies and Intelligent Automation	032535
4.5	<b>PH-FDV</b>	Reducing, fuel consumption and air pollution of industrial furnaces by high efficiency pebble heaters and fluid dynamical valve	ICA2-CT-2002-10004

4.6	<b>POWERSOL</b>	Mechanical Power Generation Based on Solar Thermodynamic Engines	032344
4.7	<b>PROMETHEAS</b>	Membrane cell hydrogen generator and electrocatalysis for water splitting	ICA2-CT-2002-10001
4.8	<b>RAMSES</b>	Renewable Energy Agricultural Multipurpose for Farmers	032447
4.9	<b>REAct</b>	Self-sufficient Renewable Energy Air-Conditioning system for Mediterranean countries	INCO-CT-2006-015434
4.10	<b>RES INTEGRATION</b>	Rural sustainable development through integration of renewable energy technologies in poor european regions	INCO-CT-2002-509204
4.11	<b>RISE</b>	Renewables for isolated systems - energy supply and waste water treatment	INCO-CT-2004-509161
4.12	<b>TERMISOL</b>	"New low-emissivity and long lasting paints for cost-effective solar collectors"	INCO-CT-2006-031880
4.13	<b>SODISWATER</b>	Solar disinfection as an appropriate Household Water Treatment and Storage (HWTS) intervention against childhood diarrhoeal disease in developing countries or emergency situations	INCO-CT-2006-031650
4.14	<b>VBPC-RES</b>	Virtual Balkan Power Centre for Advance of Renewable Energy Sources in Western Balkans	INCO-CT-2002-509205

5\_Projects of International Cooperation in **Economic and Social development / Health** - EU INCO FP6

No.	Acronym	Project Title	EU number
5.1	<b>ESCIRRU</b>	Economic and Social Consequences of Industrial Restructuring in Russia and Ukraine	INCO-CT-2005-013433
5.2	<b>FEAST</b>	Forum for European-Australian Science and Technology Co-operation, Phase II	INCO-CT-2004-518114
5.3	<b>INDEUNIS</b>	Industrial Restructuring in the NIS: experiences of and lessons from the new EU Member States	INCO-CT-2005-516751
5.4	<b>MedGeNet</b>	Euro-Mediterranean Network for Genetic Services	INCO-CT-2006-031968
5.5	<b>RURB-ASIE</b>	Agricultural Dynamics in Areas under Urban Influence in South-East Asia (Vietnam, Cambodia): Competition over Resources and Creation of New Markets around Secondary Cities	ICA4-CT-2002-10060
5.6	<b>RUSMECO</b>	Enhancing Russian SME collaboration and business development through Communities of Practice	INCO-CT-2005-516752
5.7	<b>Support</b>	The support collaboration: supporting policy relevant reviews and trails	INCO-CT-2006-031939
5.8	<b>WaterBench</b>	Benchmarking of water supply and sanitation services in the NIS preparatory phase	INCO-CT-2004-003664

6\_Projects of International Cooperation of **EU INCO FP5 & FP4** (final report evaluation)

No.	Acronym	Project Title	EU number
6.1	<b>AQUAS</b>	Water quality and sustainable aquaculture: links and implications	INCO-CT-2005-015105
6.2	<b>INCOFISH</b>	Integrating Multiple Demands on Coastal Zones with Emphasis on Aquatic Ecosystems and Fisheries	INCO-CT-2005-003739
6.3	<b>PAPUSSA</b>	Production in Aquatic Peri-urban Systems in South East Asia	ICA4-CT-2002-10020
6.4	<b>Aqua Screen</b>	Pollution Monitoring in the Nairobi River : Application of New and Robust Biosensor Technologies Adapted to Locally Available Resources	ICA4-CT-2002-10008
6.5	<b>ASEM Aquaculture PI</b>	ASEM Aquaculture Platform	INCO-CT-2004-502505
6.6	<b>CONSDEV</b>	Coherence of public policy of conservation and development of coastal and marine protected areas in in West Africa	ICA4-CT-2001-10043
6.7	<b>ENVIROMIS-SSA</b>	Environmental Observations, Modelling and Information Systems Special Support Action	INCO-CT-2003-502246
6.8	<b>Great Peter</b>	Green Product Development and Resource Efficient Production Assigned Training in St. Petersburg area, Russia	INCO-CT-2004-502441
6.9	<b>KNOWFISH</b>	Knowledge in Fisheries Management	ICA4-CT-2001-10033
6.10	<b>Med-Reunet II</b>	Support programme for strengthening the capacity building of wastewater reclamation professionals in the context of med-reunet network	INCO-CT-2003-502453
6.11	<b>Mercury</b>	Development of viable technologies and monitoring systems for the remediation/detection of mercury in southamerican waters, design of chelators with therapeutic properties	ICA4-CT-2002-10055
6.12	<b>Searusyn</b>	Seeking Synergy between Urban Growth, Horticulture and the Environment in Asian Metropolises	ICA4-CT-2002-10025
6.13	<b>Solarsafewater</b>	Emerging technologies to adress water treatment in developing countries	INCO-CT-2004-510603
6.14	<b>SolWater</b>	Cost effective solar photocatalytic technology to water decontamination and disinfection in rural areas of developing countries.	ICA4-CT-2002-10001
6.15	<b>SusDev-China</b>	sustainable agroecosystem management and evelopment of rural urban interaction in regions and cities of China	ICA4-CT-2002-10004
6.16	<b>ZAFIRA</b>	Zero discharge Aquaculture by Farming in Integrated Recirculating Systems in Asia	ICA4-CT-2001-10025
6.17	<b>Water</b>	Water technology for Middle-East region	ICA3-CT-2002-10001

### List E Activities / Projects as UNESCO Programme specialist (2010-2014)

#### E.1\_UNESCO Regular Budget Activities

Title / code number	Period	MS Role	Budget
1.1_Enhancing capacity-building and regional networking 5212205022 VNI	2010-11	Responsible Officer	USD 143,600
1.2_Enhancing STI Governance through Policy, 5211200006 VNI	2010-11	Responsible Officer	USD 62,500
1.3_Strengthen R&D systems in SEE countries through regional policies and improved national governance in Science, Technology and Innovation, 6211101007	2012-13	Responsible Officer	USD 24,000
1.4_Strengthen STI policy system and cooperation in South East Europe - Ministerial Round Table, Additional Appropriation 6211101037	2012-13	Responsible Officer	USD 54,000
1.5_South-East European Ministerial Round Table on Science, Emergency Fund, 494GLO2000.1.8	2012-13	Deputy resp officer	USD 24,000
1.6_Enhancing research capacity in basic and engineering sciences through regional networking, 6212201007	2012-13	Responsible Officer	USD 35,000
1.7_Innovative approaches for responsible use of local biodiversity in SEE countries through UNESCO sub-regional network PhytoChemNet, 494GLO2000.2.8	2012-13	Responsible Officer	USD 35,000
1.8_Enhancing public awareness of science, technology and engineering in SEE, NIS and Mediterranean area, 6213101004	2012-13	Deputy resp officer	USD 1,300
1.9_Enhancing capacity and awareness in risk preparedness in SEE, 6224101020	2012-13	Responsible Officer	USD 1,800

#### E.2\_Extrabudgetary Project implemented as UNESCO Venice team

Title	Sponsor - Date	Function	Budget
2.1_Improving Science and Research Governance in Albania	United Nations, 2010-13	Project leader	\$ 150,000
2.2_Steering Platform on Research for Western Balkan Countries _WBC.Inco.net Project	EU_FP7, 2010-13	UNESCO representative	
2.3_Quality of R&D and Innovation (RDI) Data in Western Balkans – Regional strategy for STI in WBC	World Bank (PO 7166670), 2012-13	Project leader	\$ 100,000
2.4_ODS, Open Discovery Space: A socially-powered and multilingual open learning infrastructure to boost the adoption...	EU FP7, 2012-14	Partner project leader	
2.5_IncREO - Resilience through Earth Observation	EU_FP7, 2013-14	Partner project leader	€ 200,000 (€2,000,000)
2.6_FLOODIS, Integrating GMES Emergency Services with satellite navigation and communication for establishing a flood information service	EU_FP7 – 2013-2015	Partner project leader	€ 200,000 (€ 2,000,000)
2.7_Ark of Inquiry: Inquiry Awards for Youth over Europe (2014-16)	EU FP7 Project No. 612251	Partner project leader	€ 300.000 (€ 2,800,000)
2.8_Preparatory Action for improving successful participation of SEE in EU programme-Physics	UNESCO, ICTP, CEI, EPS	Project coordinator	

List F – Projects / activities as university researcher (since 2016)

<b>Title</b>	<b>Program/period</b>	<b>Function</b>	<b>Budget</b>
BIORaffineria: VALore aggiunto dei sottoprodotti Enologici-BIOVALE	AGER 2018-19	partner	€ 100,000
Olio di canapa: tracciabilità totale e disoleazione 'verde' del pannello di spremitura – Can@olio	PSR 16.1.1 – Regione FVG, 2017	partner	<i>Approved for step II</i>
CANAPA PER IL SISTEMA CASA_ Materiali innovativi per l'isolamento e protocolli di certificazione	HEaD Project – UniUD, Reg FVG - 2018	scientific coordinator	<i>Submitted</i>