



POLITECNICO
DI MILANO

DASU

DEPARTMENT OF ARCHITECTURE AND URBAN STUDIES
LABORATORY OF INTERNATIONAL COOPERATION

POST GRADUATE PROGRAMME

COOPERA(C)TION KNOWLEDGE AND SKILLS FOR SUSTAINABLE CITIES IN THE GLOBAL SOUTH



NOVEMBER 2013
- MAY 2014
FIRST EDITION

PROGRAMME

organized by

**LABORATORY OF
INTERNATIONAL COOPERATION**
DEPARTMENT OF ARCHITECTURE AND URBAN
STUDIES (DASU)
SCHOOL OF ARCHITECTURE AND SOCIETY
POLITECNICO DI MILANO

in collaboration with



FONDAZIONE
POLITECNICO
POLISOCIAL
POLITECNICO DI MILANO



UNESCO CHAIR
ENERGY
FOR SUSTAINABLE DEVELOPMENT



UNESCO CHAIR
IN ARCHITECTURAL PRESERVATION
AND PLANNING IN HERITAGE CITIES



UNESCO CHAIR
IN URBAN AND REGIONAL PLANNING
FOR SUSTAINABLE LOCAL DEVELOPMENT



ASF
ARCHITECTURE
SANS FRONTIÈRES



ISF
ENGINEERS
WITHOUT BORDERS

INSTITUTIONS AND STAKEHOLDERS INVOLVED

POLITECNICO DI MILANO AND OTHER INSTITUTIONS

Rector's Delegate for Cooperation and Development, Politecnico di Milano

UNESCO Chair Energy for Sustainable Development,
Politecnico di Milano

UNESCO Chair in Architectural Preservation and Planning in Heritage Cities,
Politecnico di Milano

UNESCO Chair in Urban and Regional Planning for Sustainable Local Development,
Università di Ferrara

MAE

Ministry of Foreign Affairs

International Relations, Università di Pavia

Fondazione Politecnico Polisocial, Politecnico di Milano

POLITECNICO DI MILANO | DEPARTMENTS

LabCoopInt Laboratory of International Cooperation - DASTU, Politecnico di Milano

DASTU Department of Architecture and Urban Studies, Politecnico di Milano

DE Department of Energy, Politecnico di Milano

DEIB Department of Electronics, Information and Bioengineering, Politecnico di Milano

DIG Department of Management, Economics and Industrial Engineering, Politecnico di Milano

DICA Department of Civil and Environmental Engineering, Politecnico di Milano

ASP Alta Scuola Politecnica, Politecnico di Milano

OTHER RESEARCH INSTITUTES

CICSAA Interuniversity Centre for Agri-Food and Environmental Development Cooperation,
Università degli Studi di Milano, Brescia e Pavia

ISPC International Spatial Planning Centre, TU Dortmund (DE)

GSSI Gran Sasso Science Institute, L'Aquila

Development Planning Unit, The Bartlett, University College London (UK)

ISIA Industrial & Communication Design University, Firenze

Centre for Development Innovation, Wageningen UR (NL)

NGOs AND OTHERS STAKEHOLDERS

ASF Architecture Sans Frontières Italy

ISF Engineers Without Borders Milano

CeLIM NGO

J'eco Guides

Dynamoscopio

Imark-USA

XCoop, Rotterdam (NL)

Baukuh

PROGRAMME

* dates subject to change

dates		hours			
	07-08*	THU-FRI	8	M 0 MODULE 0	SETTING THE SCENE
			32	M 1 MODULE 1	URBAN GROWTH AND FORMS OF SOCIAL AND SPATIAL INEQUALITY
NOV 2013	15	FRI	4	M 1 SESSION 0	SOCIAL AND SPATIAL INEQUALITY: CONCEPTS, FORMS, DILEMMAS
	15	FRI	4	M 1 SESSION 1	INFORMAL URBANISATION: CONFIGURATIONS, DIMENSIONS, DEFINITIONS
	22	FRI	8	M 1 SESSION 1	INFORMAL URBANISATION: PROBLEMS AND POLICIES AND CAIRO, A PARADIGMATIC CASE
	29	FRI	8	M 1 SESSION 2	MAPPING INFORMALITY RECOGNISING AND NEGOTIATING THE RIGHTS OF CITIZENS
	06	FRI	8	M 1 SESSION 3	LIVING CONDITION AND ACCESS TO URBAN SERVICES
			24	M 2 MODULE 2	RISKS, EMERGENCIES AND TERRITORIAL CONFLICTS
DEC 2013	13	FRI	8	M 2 SESSION 1	ANALYSIS AND GOVERNANCE OF TERRITORIAL RISKS
	20	FRI	4	M 2 SESSION 1	ANALYSIS AND GOVERNANCE OF TERRITORIAL RISKS
	20	FRI	4	M 2 SESSION 2	EMERGENCY MANAGEMENT: THE PRE-EMERGENCY PHASE
	10	FRI	4	M 2 SESSION 2	EMERGENCY MANAGEMENT: THE POST-EMERGENCY PHASE
	10	FRI	4	M 2 SESSION 3	CONFLICTS AND CONTESTED SPACES
			24	M 3 MODULE 3	HOUSING QUALITY AMID ARCHITECTURE AND BUILDING STRATEGIES
JAN 2014	17	FRI	8	M 3 SESSION 1	THE HOUSING QUALITY IN INFORMAL CONTEXTS: PROBLEMS, APPROACHES AND TECHNIQUES
	24	FRI	8	M 3 SESSION 2	CONSTRUCTION AND HOUSING POLICIES IN INFORMAL CONTEXTS
	31	FRI	8	M 3 SESSION 3	APPROPRIATE AND APPROPRIABLE TECHNOLOGIES: CONSTRUCTION IN CONTEXTS OF EXCLUSION
			32	M 4 MODULE 4	TERRITORIES AND SUSTAINABLE MANAGEMENT OF ENVIRONMENTAL RESOURCES
FEB 2014	07	FRI	8	M 4 SESSION 0	SUSTAINABLE AND RESILIENT TERRITORIES
	14	FRI	8	M 4 SESSION 1	PROTECTION AND REQUALIFICATION OF THE LAND
	21	FRI	8	M 4 SESSION 2	MANAGEMENT OF ENERGY AND WATER RESOURCES
	28	FRI	8	M 4 SESSION 3	THE AGRO-ECOSYSTEM
			32	M 5 MODULE 5	HERITAGE VALORISATION AMID CONSERVATION AND DEVELOPMENT: SUSTAINABLE HERITAGE
MAR 2014	07	FRI	4	M 5 SESSION 0	INTERNATIONAL COOPERATION FOR THE CONSERVATION OF TANGIBLE AND INTANGIBLE HERITAGE
	07	FRI	4	M 5 SESSION 1	APPROACHES AND EXPERIENCES IN EUROPE AND CENTRAL ASIA
	14	FRI	8	M 5 SESSION 2	APPROACHES AND EXPERIENCES IN MEDITERRANEAN COUNTRIES
	21	FRI	4	M 5 SESSION 2	APPROACHES AND EXPERIENCES IN MEDITERRANEAN COUNTRIES
	21	FRI	4	M 5 SESSION 3	APPROACHES AND EXPERIENCES IN LATIN AMERICA
	28	FRI	4	M 5 SESSION 4	APPROACHES AND EXPERIENCES IN AFRICA
	28	FRI	4	M 5 SESSION 5	APPROACHES AND EXPERIENCES IN THE FAR EAST
			16	M 6 MODULE 6	STAKEHOLDERS AND TOOLS OF INTERNATIONAL COOPERATION
APR 2014	04	FRI	4	M 6 SESSION 1	STRATEGIES AND STAKEHOLDERS OF INTERNATIONAL COOPERATION
	04	FRI	4	M 6 SESSION 2	TOOLS AND RESOURCES AMID COOPERATION AND RESEARCH
	11	FRI	8	M 6 SESSION 2	TOOLS AND RESOURCES AMID COOPERATION AND RESEARCH

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 0 MODULE 0	SETTING THE SCENE CITIES AND TERRITORIES IN THE GLOBAL SOUTH: A NEW CHALLENGE AND A NEW COOPERATION PERSPECTIVE FOR URBAN PLANNING, DESIGN AND MANAGEMENT PROFESSIONS	FACE-TO-FACE LEARNING	8 1 FRIDAY	1

NOV 2013
07-08*

DEC 2013

JAN 2014

FEB 2014

MAR 2014

APR 2014

* dates subject to change

FRIDAY, 08th NOVEMBER 2013

H 09.00 – 11.00

OPENING OF THE COURSE

Welcome speech of the Director of the Course
Remo Dorigati | DASTU, Politecnico di Milano

Presentations to students and teachers
Class contract and organisation

Giuliana Costa | LabCoopInt - DASTU, Politecnico di Milano

Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano
with

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

Enrico Prevedello | LabCoopInt - DASTU, Politecnico di Milano

H 11.00 – 13.00

CITIES AND TERRITORIES IN THE GLOBAL SOUTH

Agostino Petrillo | DASTU, Politecnico di Milano

Giuliana Costa | LabCoopInt - DASTU, Politecnico di Milano

H 14.00 – 16.00

COOPERATION OUTLOOK FOR PROJECT PROFESSIONS

Emanuela Colombo

| Rector's Delegate for Cooperation and Development, Politecnico di Milano

| UNESCO Chair Energy for Sustainable Development, Politecnico di Milano

| DE, Politecnico di Milano | ISF-MI

H 16.00 – 18.00

PRESENTATION OF THE COURSE MODULES

Module 1 **Paola Bellaviti** | LabCoopInt - DASTU, Politecnico di Milano

Module 2 **Rachele Radaelli** | LabCoopInt - DASTU, Politecnico di Milano

Module 3 **Camillo Magni** | DASTU, Politecnico di Milano and ASF Italia

Module 4 **Marcello Magoni** | LabCoopInt - DASTU, Politecnico di Milano

Module 5 **Paola Bellaviti** | LabCoopInt - DASTU, Politecnico di Milano

Module 6 **Enrico Prevedello** | LabCoopInt - DASTU, Politecnico di Milano

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 1 MODULE 1	URBAN GROWTH AND FORMS OF SOCIAL AND SPATIAL INEQUALITY: PROBLEMS AND UPGRADING STRATEGIES	FACE-TO-FACE LEARNING + WORKSHOPS	32 4 FRIDAY	3

NOV 2013
15, 22, 29

DEC 2013
06

JAN 2014

FEB 2014

MAR 2014

APR 2014

MODULE CONCEIVED BY
Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 15th NOVEMBER 2013

Session 0

SOCIAL AND SPATIAL INEQUALITY: CONCEPTS, FORMS, DILEMMAS

theoretical-critical lessons

H 09.00 – 11.00

Forms of social and spatial inequality in the Global South

Giuliana Costa | LabCoopInt - DASTU, Politecnico di Milano

H 11.00 – 13.00

Urban poverty and exclusion South vs. North

Antonio Tosi | DASTU, Politecnico di Milano

Session 1

INFORMAL URBANISATION: CONFIGURATIONS, DIMENSIONS, DEFINITIONS

theoretical-critical lessons

H 14.00 – 18.00

Formal and informal: patterns of urbanizations in the Global South and marginal areas

Francesco Chiodelli | Gran Sasso Science Institute (GSSI), L'Aquila

Agostino Petrillo | DASTU, Politecnico di Milano

FRIDAY, 22nd NOVEMBER 2013

Session 1bis

INFORMAL URBANISATION: PROBLEMS AND POLICIES

H 09.00 – 11.00

Informal urbanization: problems and policies

Francesco Chiodelli | Gran Sasso Science Institute (GSSI), L'Aquila

Session 1ter

INFORMAL URBANISATION: CAIRO, A PARADIGMATIC CASE

presentation of case studies/experiences

H 11.00 – 13.00

Cairo: Places of informality / Framing informality

Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano

H 14.00 – 16.00

Cairo Ard al-Liwa New Centrality

Antonella Contin | DASTU, Politecnico di Milano - Lab. Misura e Scala

H 16.00 – 18.00

900 Km Nile City

Pier Paolo Tamburelli | Baukuh

FRIDAY, 29th NOVEMBER 2013

Session 2

MAPPING INFORMALITY

RECOGNISING AND NEGOTIATING THE RIGHTS OF CITIZENS

SESSION CONCEIVED BY

Alexandre Apsan Frediani | Development Planning Unit, The Bartlett, University College London (UK)

Beatrice De Carli | LabCoopInt - DASTU, Politecnico di Milano

theoretical-critical lessons

H 09.00 – 11.00

Spaces of informality and the politics of representation. Theories and concepts

Alexandre Apsan Frediani | Development Planning Unit, The Bartlett, University College London (UK)

presentation of case studies/experiences

H 11.00 – 13.00

Spaces of informality and the politics of representation. Practices and experiences

Beatrice De Carli | LabCoopInt - DASTU, Politecnico di Milano

practice

H 14.00 – 18.00

Spaces of informality and the politics of representation. Reflections in action

Alexandre Apsan Frediani | Development Planning Unit, The Bartlett, University College London (UK)

Beatrice De Carli | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 06th DECEMBER 2013

Session 3

**LIVING CONDITION AND ACCESS TO SERVICES
STRATEGIES AND TOOLS FOR THE PARTICIPATORY MANAGEMENT OF INFORMAL
NEIGHBOURHOODS**

theoretical-critical lessons

H 09.00 – 13.00

Empowering the informal neighborhoods improving access to resources and urban services
Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano

Digital tools for urban management (Community Information System)
Piero Fraternali | DEIB, Politecnico di Milano

presentation of case studies/experiences

H 14.00 – 18.00

Introduction to Open-Source GIS tools
Fabio Manfredini | DASTU, Politecnico di Milano – Lab. Analisi dati e cartografia

ASP - IMPARAR project for Guayaquil, Ecuador: IMProving Access to Resources at reduced
risk for urban Areas with strong informal settlements

SHARE FOR CARE / ImparAPP: Mapa tu Barrio!

**Andrea Cominola, Francesca Vigotti, Ambra Romano, Veronica Vasilescu, Stella
Cattani** | ASP, Politecnico di Milano

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 2 MODULE 2	RISKS, EMERGENCIES AND TERRITORIAL CONFLICTS	FACE-TO-FACE LEARNING + WORKSHOPS	24 3 FRIDAY	2

NOV 2013

DEC 2013
13, 20

JAN 2014
10

FEB 2014

MAR 2014

APR 2014

MODULE CONCEIVED BY
Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 13th DECEMBER 2013

Session 1

ANALYSIS AND GOVERNANCE OF TERRITORIAL RISKS

SESSION CONCEIVED BY
Scira Menoni | DASTU, Politecnico di Milano

theoretical-critical lessons

H 09.00 – 13.00

Overview of territorial risks

Theoretical aspects of the analysis and governance of territorial risks related to natural and anthropic events in ordinary circumstances and emergencies: approaches, methods, tools

Scira Menoni | DASTU, Politecnico di Milano

theoretical-critical lessons

H 14.00 – 18.00

Presentation of the theoretical aspects of multi-dimensional evaluation methods

Plan-do-check-act approach

Integrated evaluation of intervention alternatives

Giulia Pesaro | LabCoopInt - DASTU, Politecnico di Milano

Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 20th DECEMBER 2013

Session 1bis

ANALYSIS AND GOVERNANCE OF TERRITORIAL RISKS

practice

H 09.00 – 13.00

Risk analysis exercise: Suitability analysis for the urban and rural development of the metropolitan area of Quetzaltenango (Guatemala)

Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

Session 2

EMERGENCY MANAGEMENT: THE PRE-EMERGENCY PHASE

presentation of case studies/experiences

H 14.00 – 18.00

Experiences of prior seismic risk evaluation in Nicaragua: cooperation between university, municipality and NGO's

Floriana Pergalani | DICA, Politecnico di Milano

FRIDAY, 10th JANUARY 2014

Session 2bis

EMERGENCY MANAGEMENT: THE POST-EMERGENCY PHASE

presentation of case studies/experiences

H 09.00 – 11.00

Overview: emergency and temporary housing

Forms, typologies and use of Temporary Cities in post-disaster situations, in mega and international events, in setting up of important projects (infrastructural ...)

Roberta Marcenaro | Imark-USA

presentation of case studies/experiences

H 11.00 – 13.00

Overview of Temporary Cities in post-disaster situations (through a case-study)

Construction of a Temporary City where war or a natural disaster has destroyed housing and communications infrastructures

Roberta Marcenaro | Imark-USA

Session 3

CONFLICTS AND CONTESTED SPACES

SESSION CONCEIVED BY

Francesco Chiodelli | Gran Sasso Science Institute (GSSI), L'Aquila

presentation of case studies/experiences

H 14.00 – 18.00

Overview: Urban conflicts and spatial transformations in the Global South "

Maddalena Falletti | LabCoopInt - DASTU, Politecnico di Milano

A case-study: the territorial dimension of the Israeli-Palestinian conflict: the case of the Jerusalem Master Plan

Francesco Chiodelli | Gran Sasso Science Institute (GSSI), L'Aquila

Presentation of the book: "Cities to be tamed? The space of urbanism and planning in the urban South" (Cambridge Scholars Publishing, 2013)

Beatrice De Carli | LabCoopInt - DASTU, Politecnico di Milano

Maddalena Falletti | LabCoopInt - DASTU, Politecnico di Milano

Francesco Chiodelli | Gran Sasso Science Institute (GSSI), L'Aquila

Lina Scavuzzo | LabCoopInt - DASTU, Politecnico di Milano

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 3 MODULE 3	HOUSING QUALITY AMID ARCHITECTURE AND BUILDING STRATEGIES	FACE-TO-FACE LEARNING + WORKSHOPS	24 3 FRIDAY	2

NOV 2013

DEC 2013

JAN 2014
17, 24 e 31

FEB 2014

MAR 2014

APR 2014

MODULE CONCEIVED BY
Camillo Magni | DASTU, Politecnico di Milano and ASF Italia

FRIDAY, 17th JANUARY 2014

Session 1

THE HOUSING QUALITY IN INFORMAL CONTEXTS PROBLEMS, APPROACHES AND TECHNIQUES

theoretical-critical lessons

H 09.00 – 11.00

Social construction of Habitat I: the architectural project as tool in informal territories
Camillo Magni | DASTU, Politecnico di Milano and ASF Italia

presentation of case studies/experiences

H 11.00 – 13.00

The earth: a comparison of material and experiences
Emilio Caravatti | DASTU, Politecnico di Milano and ASF Italia

practice

H 14.00 – 18.00

Project experience: building a school building in Cambodia, village of Roong
Alternatively: ecolodge in Pemba, Mozambique

Subdivision of students in groups of 4-5

Exercise on project strategies for a building in contexts of urban exclusion

Organisation of the project exercise to do at home

Camillo Magni (with 4 tutors) | DASTU, Politecnico di Milano and ASF Italia

FRIDAY, 24th JANUARY 2014

Session 2

CONSTRUCTION AND HOUSING POLICIES IN INFORMAL CONTEXTS

theoretical-critical lessons

H 09.00 – 11.00

Social construction of Habitat II: appropriate and appropriable technology
Operative tools and technical documentation available
Camillo Magni | DASTU, Politecnico di Milano and ASF Italia

presentation of case studies/experiences

H 11.00 – 13.00

Integrated housing Development Project, Etiopia
Sara Caimi | ISPC, TU Dortmund (DE)

practice

H 14.00 – 18.00

Debate on the results of the exercise
with
Remo Dorigati | DASTU, Politecnico di Milano
Gian Luca Brunetti | DASTU, Politecnico di Milano
Anna Delera | DASTU, Politecnico di Milano
Eleonora Bersani* | DASTU, Politecnico di Milano
Emilio Caravatti | DASTU, Politecnico di Milano and ASF Italia

FRIDAY, 31st JANUARY 2014

Session 3

APPROPRIATE AND APPROPRIABLE TECHNOLOGIES: CONSTRUCTION IN CONTEXTS OF EXCLUSION

presentation of case studies/experiences

H 09.00 – 11.00

Experience and Construction of XCoop, Rotterdam
Cri Murphy | XCoop, Rotterdam (NL)

H 11.00 – 13.00

Dry systems and construction in informal environment: use of vegetable fibres (wood and bamboo). A comparison of project experiences
Francesca Parotti | ISIA, Firenze

practice

H 14.00 – 18.00

Classroom exercise

Camillo Magni (with 4 tutors) | DASTU, Politecnico di Milano and ASF Italia

Final debate on the results of the exercise

with

Remo Dorigati | DASTU, Politecnico di Milano

Gian Luca Brunetti | DASTU, Politecnico di Milano

Anna Delera | DASTU, Politecnico di Milano

Eleonora Bersani* | DASTU, Politecnico di Milano

Emilio Caravatti | DASTU, Politecnico di Milano and ASF Italia

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 4 MODULE 4	TERRITORIES AND SUSTAINABLE MANAGEMENT OF ENVIRONMENTAL RESOURCES	FACE-TO-FACE LEARNING + WORKSHOPS	32 4 FRIDAY	3

NOV 2013

DEC 2013

JAN 2014

FEB 2014

07, 14,
21 e 28

MAR 2014

APR 2014

MODULE CONCEIVED BY
Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 07th FEBRUARY 2014

Session 0

SUSTAINABLE AND RESILIENT TERRITORIES

theoretical-critical lessons

H 09.00 – 11.00

The characteristics of sustainable territories

Description of the factors affecting the levels of environmental sustainability of a territory

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

H 11.00 – 13.00

The characteristics of resilient territories

The concept of resilient territory and description of impact factors on the resilience of a territory

Angela Colucci | LabCoopInt - DASTU, Politecnico di Milano

H 14.00 – 16.00

Sustainable and resilient economy

Presentation of the principles and criteria of evaluation of the sustainable and resilient characteristics of a territory from an economical point of view

Ilaria Mariotti | DASTU, Politecnico di Milano

H 16.00 – 18.00

Urban ecosystem and principles of sustainable governance of a territory

Project Cycle Management as a support tool to the processes of sustainable and resilient management and planning of natural resources

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 14th FEBRUARY 2014

Session 1

PROTECTION AND REQUALIFICATION OF THE LAND

presentation of case studies/experiences

H 09.00 – 11.00

Protection of rural and natural areas, and requalification of urban areas

The case of Quetzaltenango (Guatemala)

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

H 11.00 – 13.00

The land grabbing phenomena in developing countries

Presentation of the current phenomena of land grabbing in developing countries and its potential impact on land use and the decision-making capability of local populations

Cristina Rulli | DICA, Politecnico di Milano

practice

H 14.00 – 18.00

Urban redevelopment of informal neighborhoods of Taiz (Yemen). A critical review

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 21st FEBRUARY 2014

Session 2

MANAGEMENT OF ENERGY AND WATER RESOURCES

SESSION CONCEIVED BY

Emanuela Colombo

| Rector's Delegate for Cooperation and Development, Politecnico di Milano

| UNESCO Chair Energy for Sustainable Development, Politecnico di Milano

| DE, Politecnico di Milano | ISF-MI

theoretical-critical lessons

H 09.00 – 11.00

Access to energy and development

Presentation of the role that energy factor has and may have in developing countries

Emanuela Colombo | UNESCO Chair Energy for Sustainable Development, Politecnico di Milano | DE, Politecnico di Milano | ISF-MI

H 11.00 – 13.00

Appropriate energy technologies

Presentation of appropriate technologies to meet energy demands in poverty realities of developing countries

Lorenzo Mattarolo | UNESCO Chair Energy for Sustainable Development, Politecnico di Milano | DE, Politecnico di Milano | ISF-MI

theoretical-critical lessons

H 14.00 – 16.00

Water management in developing countries: problems and outlook

Presentation of the main problems in water supplies and management in the informal areas of developing countries and suggestions for intervention measures

Cristina Rulli | DICA, Politecnico di Milano

presentation of case studies/experiences

H 16.00 – 18.00

Water management in Dar es Salaam: an integrated proposal for action

Characters and problems for the supply and disposal of water in the city of Dar es Salaam and indication of an integrated proposal to reconsider the relationship between city planning and water use.

Maria Chiara PastH | DASTU, Politecnico di Milano

FRIDAY, 28th FEBRUARY 2014

Session 3

THE AGRO-ECOSYSTEM

theoretical-critical lessons

H 09.00 – 11.00

The Agro-ecosystem

The concept of agro-ecosystem and the management criteria of resources to ensure higher levels of sustainability and resilience in rural areas

Stefano Bocchi | CICSAA, Scuola di Agraria, Università degli Studi di Milano

H 11.00 – 13.00

Agriculture, landscape and food safety in urbanised territories

The main governance problems of farming areas in urbanised territories in Italy and developing countries and international criteria to manage them

Andrea Calori | LabCoopInt - DASTU, Politecnico di Milano

presentation of case studies/experiences

H 14.00 – 16.00

The project of city and territory as agro-ecosystem

Plans and policies for cities and territories that include the “production of agro-ecosystems” as a factor of well-being and resilience of living environments (Holland, Ruanda, Argentina)

Andrea Calori | LabCoopInt - DASTU, Politecnico di Milano

H 16.00 – 18.00

Agriculture and water management in an arid territory: Draa Valley (Morocco)

Presentation of integrated solutions for sustainable use of water resources in the arid territory of Draa valley

Guido Minucci | LabCoopInt - DASTU, Politecnico di Milano

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 5 MODULE 5	HERITAGE VALORISATION AMID CONSERVATION AND DEVELOPMENT: SUSTAINABLE HERITAGE	FACE-TO-FACE LEARNING + WORKSHOPS	32 4 FRIDAY	3

NOV 2013

DEC 2013

JAN 2014

FEB 2014

MAR 2014

APR 2014

07, 14,
21 e 28

MODULE CONCEIVED BY
Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 07th MARCH 2014

Session 0

INTERNATIONAL COOPERATION FOR THE CONSERVATION OF TANGIBLE AND INTANGIBLE HERITAGE

theoretical-critical lessons

H 09.00 – 13.00

Cultural heritage in the practice of international cooperation with developing Countries

Maurizio Boriani | DASTU, Politecnico di Milano

Strengthening cooperation between North and South of the world to protect cultural heritage

Gianni Scudo | UNESCO Chair in Architectural Preservation and Planning in Heritage Cities, Politecnico di Milano

Network strategies for the conservation of Heritage. The contribution of UNESCO

Paolo Ceccarelli | UNESCO Chair in Urban and Regional Planning for Sustainable Local Development, Università di Ferrara

Session 1

APPROACHES AND EXPERIENCES IN EUROPE AND CENTRAL ASIA

presentation of case studies/experiences

H 14.00 – 18.00

Capacity Building in the field of BBCCs: the current experience in Armenia

Maurizio Boriani | DASTU, Politecnico di Milano

An international cooperation experience in the field of cultural tourism. Ten years of work in Albania

Maria Cristina Giambruno | DASTU, Politecnico di Milano

World Bank in ECA (European and Central Asia) cities: a consultancy for the valorisation of Cultural Heritage

Maria Cristina Giambruno | DASTU, Politecnico di Milano

FRIDAY, 14th MARCH 2014

Session 2

APPROACHES AND EXPERIENCES IN MEDITERRANEAN COUNTRIES

presentation of case studies/experiences

H 09.00 – 11.00

"City of the Dead", Cairo: from slum to monumental park?
Research and action strategies for the protection of heritage and communities in the
monumental cemeteries of Cairo

Paola Bellaviti | LabCoopInt - DASTU, Politecnico di Milano

Simona Sambati | LabCoopInt - DASTU, Politecnico di Milano

H 11.00 – 13.00

New media for mapping landscape / heritage and community building

Luca Francesco Garibaldo | J'eco Guides

Erika Lazzarino | Dynamoscopio

presentation of case studies/experiences

H 14.00 – 18.00

New technologies for sustainable Heritage: experiences in Istanbul, Mardin and the Europeaid
proposal "M.U.S.I.C. - Mediterranean Urban Sounds Interactive Culture"

Antonella Contin | DASTU, Politecnico di Milano - Lab. Misura e Scala

Ranaa Saffari | DASTU, Politecnico di Milano - Lab. Misura e Scala

Alessandro Frigerio | DASTU, Politecnico di Milano - Lab. Misura e Scala

FRIDAY, 21st MARCH 2014

Session 2bis

APPROACHES AND EXPERIENCES IN MEDITERRANEAN COUNTRIES

presentation of case studies/experiences

H 09.00 – 11.00

A gateway to the world that opens on the desert. Planning the future of Jericho

Paolo Ceccarelli | UNESCO Chair in Urban and Regional Planning for Sustainable Local
Development, Università di Ferrara

H 11.00 – 13.00

Widespread heritage in Palestine

Enrico Prevedello | LabCoopInt - DASTU, Politecnico di Milano

Session 3

APPROACHES AND EXPERIENCES IN LATIN AMERICA

presentation of case studies/experiences

H 14.00 – 16.00

The Maya El Mirador site (Guatemala) amid protection and valorisation of the historical-architectural heritage in a context of high landscape-environmental value

Presentation of the project

Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano

H 16.00 – 18.00

Comparative evaluation of interventions for sustainable tourist development

Marcello Magoni | LabCoopInt - DASTU, Politecnico di Milano

FRIDAY, 28th MARCH 2014

Session 4

APPROACHES AND EXPERIENCES IN AFRICA

presentation of case studies/experiences

H 09.00 – 12.00

International cooperation in Africa

Lucia Wegner | Centre for Development Innovation, Wageningen UR (NL)

Sustainable tourism as driver for development in Africa: the example of OLGA'S Project (Livingstone, Zambia)

Lidia Diappi | DASTU, Politecnico di Milano

The role of non-profit organisations: Olga's, history and conditions for success

Davide Raffa | CeLIM

Session 5

APPROACHES AND EXPERIENCES IN THE FAR EAST

presentation of case studies/experiences

H 12.00 – 13.00

H 14.00 – 18.00

Pakistan: the museum-house in Askole and the valorisation of the upper Braldo Valley

Eleonora Bersani | DASTU, Politecnico di Milano

Pakistan: The cultural heritage of Multan: guidelines for participatory conservation

Maria Cristina Giambruno | DASTU, Politecnico di Milano

Working for the UNESCO sites in developing Countries: My Son - Vietnam and Sri Ksetra - Myanmar

Maurizio Boriani | DASTU, Politecnico di Milano

MODULE		TYPE OF ACTIVITY	NUMBER OF HOURS	CFU
M 6 MODULE 6	STAKEHOLDERS AND TOOLS OF INTERNATIONAL COOPERATION	FACE-TO-FACE LEARNING + WORKSHOPS	16 2 FRIDAY	1

NOV 2013

DEC 2013

JAN 2014

FEB 2014

MAR 2014

APR 2014
04 e 11

MODULE CONCEIVED BY
Rachele Radaelli | LabCoopInt - DASTU, Politecnico di Milano
Enrico Prevedello | LabCoopInt - DASTU, Politecnico di Milano
Emanuela Colombo | Rector's Delegate for Cooperation and Development,
Politecnico di Milano
| UNESCO Chair Energy for Sustainable Development, Politecnico di Milano
| DE, Politecnico di Milano | ISF-MI

FRIDAY, 04th APRIL 2014

Session 1

STRATEGIES AND STAKEHOLDERS OF INTERNATIONAL COOPERATION

theoretical-critical lessons

H 09.00 – 11.00

The strategies of cooperation

Changing patterns of development cooperation

The objectives and global challenges (Millennium Development Goals, ...), the priorities for action at different levels (European, national, ...)

The issues of cooperation in emergency situations

Gianni Vaggi | Pro-Rector for International Relations, Università di Pavia

H 11.00 – 13.00

The stakeholders of cooperation

Overview of public and private stakeholders of cooperation in emergency situations (and in scientific research) (United Nations, International Organizations and Institutions, EU, national / regional authorities, NGOs, associations, companies, universities)

Iacopo Viciani | Ministry of Foreign Affairs (MAE)

Session 2

TOOLS AND RESOURCES AMID COOPERATION AND RESEARCH

theoretical-critical lessons

H 14.00 – 16.00

The funding instruments of international cooperation and of international scientific research
Towards Horizon 2020 calls for funding the cooperation projects and the research in Europe
How to write a cooperation project and a research project: the case of Europe-AID

Paola Esena | Fondazione Politecnico Polisocial, Politecnico di Milano

presentation of case studies/experiences

H 16.00 – 18.00

Presentation and critical reading of a research project (7°PQ COOPERATION or other)

Laura Di Maria | DASTU, Politecnico di Milano

Gloria Paoluzzi | DASTU, Politecnico di Milano

FRIDAY, 11th APRIL 2014

Session 2bis

TOOLS AND RESOURCES AMID COOPERATION AND RESEARCH

theoretical-critical lessons

H 09.00 – 11.00

The cooperation projects: introduction to Project Cycle Management
The Project Cycle phases. The analysis of the problems and objectives, the analysis of stakeholders

Paolo Landoni | DIG, Politecnico di Milano

practice

H 11.00 – 13.00

Exercise: a case studies of Project Cycle Management?

Giacomo Rossi | DIG, Politecnico di Milano

theoretical-critical lessons

H 14.00 – 16.00

Models of social business as a solution for developing countries

Irene Bengo | DIG, Politecnico di Milano

practice

H 16.00 – 18.00

Exercise: building a social business for local development

Irene Bengo | DIG, Politecnico di Milano