

Biodiversity, Desertification, Water, Food and Human Rights

Towards **G8**:
an international meeting
of knowledge, experiences
and testimonies

Faculty of Agriculture
University of Sassari
Sardinia, Italy
Viale Italia 39, Sassari
**September,
18 → 20th 2008**

SARDEGNA



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Issues such as biodiversity, desertification, water and food have become a planetary emergency, but still today there is no real awareness of their close interconnection and, notwithstanding the many international agreements, they are a challenge to which effective answers still need to be found.



In light of the G8 meeting in 2009 at La Maddalena, the Region of Sardinia intends to give an informal contribution through a series of initiatives on issues of the agenda so as to involve to the extent possible institutions, scientists, persons of

law, associations and private citizens who have the future of the Planet at heart.

The deterioration of ecosystems at the global level has both caused and increased disparity among peoples, and has highlighted fundamental issues, ignored up to now, of biodiversity, climatic change, desertification and human rights. The dramatic reduction of biodiversity, climate change, with the increasing phenomenon of desertification on one hand and tropicalization on the other, biological

invasions and the threat to autochthonous species, together with water and food and their social implication as a fundamental human right and common good, will be the subject of discussion from different points of view.



Participants will include leading international experts, academics, and representatives of NGOs and environmental associations; the meeting is preparatory to the presentation of a document with the G8 meeting at La Maddalena in mind, with

the hope that it provides a tool that can contribute to a deeper understanding and awareness of Governments, which have the responsibility to give global answers to these pressing issues.

Scientific Committee

Ignazio Camarda, University of Sassari,
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Meeting coordinators

Barbara Argiolas, Autonomous Region of Sardinia,
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Ignazio Camarda, University of Sassari,
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General information

Free entrance.

Pre-registration is not required. Registrations may be done directly at the Organizing Secretariat's desk at the Conference venue
Simultaneous translation (Italian/English) provided



REGIONE AUTONOMA DELLA SARDEGNA

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With the participation

Agriculture Faculty, University of Sassari, Italy

Center of Conservation and Promotion of plant Biodiversity,
University of Sassari, Italy

Euro-Mediterranean Center for Climatic Changes, IPCC Italy

International Commission on the Future of Food and Agriculture, Italy

NRD-Research Unit Desertification, University of Sassari, Italy

National Center to Combat Desertification, Italy

Thursday 18th september

8:30 → 9:00
Registration

9:00 → 10:00
Welcome of Authorities
Gianfranco Ganau, Mayor of Sassari Town
Alessandra Giudici, President of Sassari Province
Alessandro Maïda, Rector of University of Sassari
Renato Soru, President of Autonomous Region of Sardinia

Introduction to work program: **Ignazio Camarda**

ROOM A ROUND TABLE

Biodiversity and ecosystems:
a global patrimony to be protected

Chairperson/moderator: **Mike Manfredò**

10:00
Jakob von Uexkull,
Founder of The Right Livelihood
Award and the World Future
Council
**Diversity and a sustainable
livelihood of future
generations**

10:20
Mike Manfredò, Dept. Head
Natural Resource Recreation
and Tourism, Colorado State
University, USA
**Human dimensions of
natural resources**

10:40
Sandro Pignatti,
Prof. Emeritus Accademy of
Lincei, Italy
**Biodiversity, genetic,
ecological and
cultural erosion in the
Mediterranean basin**

11:00
Andrei Laletin, Global Forest
Coalition, Krasnojarsk, Russia
**Siberian Taiga: its
importance and threats to
the biom**

11:20
Wolfgang Schumacher,
Institute of Crop Science and
Resource Conservation, INRES.
Ecology of Cultural Landscape,
Geobotany and Nature
Protection, University of Bonn,
Germany
**Promotion of the
Biodiversity of Central
European cultural
landscapes through
restoration and nature
conservation strategies
integrating land use**

11:40
Mohamed Rejdali, Laboratory
of Botany. Dept. of plant
ecology, Institute of Agriculture
and Veterinary Science,
University Hassan II, Rabat,
Morocco
**Biodiversity in North-
Africa, local uses and
management**

12:00
Nobert Jürgens, Biocentre
Klein Flottbek University
of Hamburg, Germany
**Dryland ecosystems and
Biodiversity in Africa: The
role of local communities**

12:20
Samuel Muhunyu, Network for
Ecofarming for Africa, Kenya
**Gambling with food is
a death sentence for
millions in Africa**

12:40
Marina Silva, Senator, former
Brazilian Environmental Minister,
Brazil
**The Amazon Rainforest
as a strategic resource for
Humanity**

13:00 _ 13:30
DISCUSSION

ROOM A ROUND TABLE

Diversity: life and cultures under threat.
Climate change and biological invasions

Chairperson/moderator: **Phil Hulme**

15:30
Mark Davis, Dept. of Biology,
Macalester College,
S. Paul, USA
**Globalisation and
biological invasions:
impacts on native
biodiversity**

15:50
Carlos Ramirez, Institute of
Botany and Statistics. Southern
University of Chile, Valdivia,
Chile
**Forest decline and alien
plants in Chile**

16:10
Phil Hulme, Bio-protection
and Ecology Division, Lincoln
University, New Zealand
**Biological invasion:
do we have the right
managment and policy
tools to respond ?**

16:30
Roberto Pantaleoni,
Dept. of Plant Protection,
University of Sassari, Italy
**Impact of exotic insects
pests on Sardinian
landscape and culture**

16:50
Laszlo Rakosy & Elena Rakosy
Tican, University, Babes-Bolyai,
Cluj, Rumania
**Traditional Romanian
agriculture landscape
change and its effects on
vegetation and insects
populations**

17:10
Eladio Fernandez Galiano,
Head of the Biological Diversity
Unit, Council of Europe
**The threat of biological
invasion
in Europe in a context of
Climate Change: European
responses**

17:30 _ 18:00
DISCUSSION

ROOM B ROUND TABLE

Diversity: life and cultures under threat.
Climate change and desertification

Chairperson/moderator: **Bruno Dettori**

15:30
Antonio Navarra, Director
Euro-Medit. Center for Climatic
Changes. IPCC, Italy
**Climatic change
between certainties and
uncertainties**

15:50
Angelo Aru, Former Professor
of Geopedology at Cagliari
University, Italy
**Soil degradation
and desertification:
social aspects
of a similar problem**

16:10
Valerio Calzolaio, UNCCD
Consultant, Italy
**Climatic change, climatic
migration and climate
refugees**

16:30
Luc Gnacadja, Executive
Secretary of the United Nations
Convention to Combat
desertification, Benin
**Desertification,
land degradation and
drought, a civilization
issue. UNCCD and the
role of land in the carbon
economy**

16:50
Hama Arbo Diallo, Former
Executive Secretary of the United
Nations Convention to Combat
Desertification, Burchina Faso

**Awareness and actions of
Governments to combat
desertification:
10 years of experience**

17:10
**Mahamat Moukthar
Djibrine**, National Institute of
Human Sciences, University of
N'Djamena, Chad
**The problem of
desertification in chad**

17:30
**Giuseppe Enne & Pier Paolo
Roggero**, NRD (Research Unit
Desertification), University of
Sassari, Italy
**Cooperation projects to
combat desertification:
lessons learned by NRD
and implications for
future actions**

17:50
Mariam Akhtar-Schuster,
Co-chair of the European Network
for Global Desertification Research,
Biocentre Klein Flottbek, University
of Hamburg, Germany
**Strengthening the science/
policy Interface and
promoting cutting edge
science for
dryland development**

18:10
Riccardo Petrella, President
European Research Institute on
Water Policy, Italy
**Climatic change, Water and
Desertification. Beyond
technology**

18:30 _ 19:00
DISCUSSION

Friday 19th september

ROOM A ROUND TABLE

Biological knowledge, patents and human rights

Chairperson/moderator: **Pietro Luciano**

09:30
Vandana Shiva, Right
Livelihood Award 1993.
Founder Navdanya, Physicist,
Environmental and human rights
activist, Author, India
**Sharing Earth's Bounty -
Humanity's path to peace
and justice**

10:00
Elisabeth Dodinet, Secretary
Société Botanique de France,
France
**Trade and uses of exotic
aromatic and medicinal
plants and spices. The
emergence of a world
system: a view from
antique and modern
Mediterranean**

10:20
Mario Agabbio, Dept. of
Agri-Crops and Biotechnology ,
Sassari University, Italy
**Agricultural biodiversity
in the light of the
international Scenarios**

10:40
Ignazio Camarda, Dept. of
Botany and Plant Ecology,
Faculty of Agriculture, Sassari
University, Italy
Can species be owned?

11:00
Paolo Fois, Dept. of Economy,
Institution and Society Sassari
University, Italy
**Multinationals and
Biodiversity**

11:20
Marcello Buiatti,
Dept. of genetics, University
of Florence, Italy
**GMOs: a false solution
to feeding the world**

11:40
Debi Barker, Co-Director, Inter-
national Forum on Globalization,
USA
**Industrial agriculture:
A threat to food security**

12:10
Marina Silva, Senator, former
Brazilian Environmental Minister,
Brazil
**Biodiversity and
sustainability – Keystones
to life**

12:30 _ 13:00
DISCUSSION

ROOM A ROUND TABLE

Humanity's common goods and sovereingty rights

Chairperson/moderator: **Marina Silva**

15:30
Janice Jiggins, Wageningen
University Research, Communi-
cation and Innovation Studies,
Food and Soil, The Netherlands.
**When business as usual is
not an option, what are
the choices for decision
makers?**

15:50
Maria Grazia Mammuccini,
Administrator, ARSIA/Region
of Tuscany, Italy
**Protection and
valorization
of local breeds and
varieties - regional
self- determination
for environmental and
social sustainability**

16:10
Giovanni Cordini, ICEF – Inter-
national Court of the Environ-
ment Foundation, University of
Pavia, Italy
**Water rights and the right
to water**

16:30
Qiu Sun, Integrated Rural
Development Research Institute,
Guzhou Academy of Agricultural
Sciences, China
**The stakeholders and their
stake holding in water
management**

17:40
Vandana Shiva, Right
Livelihood Award 1993.
Founder Navdanya, Physicist,
Environmental and human rights
activist, Author, India
**Enclosure and Recovery
of the Commons,
Food and Water**

18:00 _ 18:30
DISCUSSION

Saturday 20th september

ROOM A

Manifesto on climate change and the future of food security

Chairperson/moderator: **Maria Grazia Mammuccini**, Administrator, ARSIA/Region of Tuscany

9:30 → 10:20
Vandana Shiva, Chair, International Commission on the Future of Food and Agriculture
Marcello Buiatti, Member International Commission on the Future of Food and Agriculture
Debi Barker, International Commission on the Future of Food and Agriculture
Francesco Foddìs, Assessor for Agriculture, Region of Sardinia

ROOM A

Climate change and nature's commons:
the future of food and water security

Chairperson/moderator: **Vandana Shiva**, Right Livelihood Award 1993

10:20 → 12:00
consideration of the draft document of the conference

18 → 20th september

Activities of universities and NGOs of the sardinian Region;
activities of the other Institutions

Free presentation of posters on meeting's topics