

The conference is organized in the frame of the European Project
INVOLEN "Intergenerational Learning for Nature Conservation
Volunteers
LLP-GRUNDTVIG Multilateral projects.



Partners



NOTRANJSKI EKOLOŠKI CENTER
Notranjska Ecological Center



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TOSCANA

PROGRAMME

International Conference

Innovation in environmental education: ICT and intergenerational learning

&

**Award ceremony for the
BEST EUROPEAN NATURE
CONSERVATIONIST'S
LOCATION BASED GAME**

Auditorium Sant'Apollonia, Firenze,
24-25 September 2015

09:00 – 09:30 Registration

09:30 Welcome

Antonio Raschi, *Director, Institute of Biometeorology-CNR, Italy*

Monica Barni, *Councillor for Culture, Research and Univeristy, Regione Toscana, Italy*

10:00 – 13:00 Plenary Session:

The contribution of ICT and Intergenerational Learning to Innovation in Environmental Education

Chair persons: A. Raschi and F. Papageorgiou

10:00-10:30 *Innovation in Environmental Education: the INVOLEN project, **Fouli Papageorgiou**, PRISMA, Greece*

10:30–11:00 *ARIS: Educational Mobile Games that Invite Physical and Community Participation, **David Gagnon**, University of Wisconsin-Madison, US*

11:00 – 11:30 Coffee break

11:30–12:00 *Researchers Go To School: How Education Can Meet The Scientific Innovation, **Alba L'Astorina**, Public Communication of Science and Education Studies (IREA – CNR), Italy*

12:00–12:30 *Sociological Perspective: Intergenerational Links in Voluntary Associations, **Dan Ferrand-Bechmann**, Professeur émérite Université de Paris 8, France.*

12:30–13:00 *Environmental Protection: the Volunteer's Role, **Diana Prince & Diego Guerri**, WWF-Livorno, Italy*

13:00–13:30 Discussion

13:30 – 15:00 Lunch & Posters session

Posters :

Joan Diego López Giraldo, Cristina Mena, M. Vivas

LONG SNOUTED SEAHORSE (Hippocampus guttulatus) AS UMBRELLA SPECIE FOR BIODIVERSITY MONITORING AND CITIZEN SCIENCE IN SE OF SPAIN MEDITERRANEAN COASTAL LAGGON

Michael Hall

A PROPOSAL FOR PRIMARY SCHOOL ENVIRONMENTAL EDUCATION UTILIZING BIOCHAR AS THE CORE IN A PROBLEM BASED LEARNING SCHEME

Francesca Ugolini, Luciano Massetti, Graziella Rossini, Laura Pellegrino, Antonio Raschi

ENVIRONMENTAL EDUCATION WITH LOCATION BASED GAMES: THE INVOLVEMENT METHODOLOGY IN TUSCANY

Ziba Kazemi, Amirhosein Ghaffarianhoseini, Ali Ghaffarianhoseini

GREEN ROOFS AND URBAN HEAT ISLAND (UHI) MITIGATION: LESSONS FOR ENVIRONMENTAL EDUCATION

Session A- Use of ICT in environmental education

Chair person: F. Papageorgiou; **Rapporteur:** P. Honvári

15:00 – 16:00 Presentations:

1. *Envimobile: A Project for ICT Integration Into Environmental Education In Europe*, **A. Kováčová, J. Kahan, Luciano Massetti, J.D López Giraldo**
2. *Unischoolab Golab: An Example about ICT Learning*, **Daniela Ambrosi**
3. *International Project for Communicating Ecology and Nature Preservation Using ICT*, **Paul Strehlenert, M. Dahlberg, M. Yilmaz**
4. *Marine Litter In the Pelagos Sanctuary: Alone We Can Do So Little. Together We Can Do So Much!*, **Silvia Merlino, M. Locritani, A. Giovacchini, S. Strada, I. Lavarello, D. Lombardi**

16:00 – 16:30 Discussion

Session B - Apps and games in environmental education

Chair person: D. Gagnon; **Rapporteur:** E. Kolovou

15:00 – 16:00 Presentations:

1. *ICT Skills Building for Youth and Adults Using a Location Based Game Design Methodology; The INVOLEN LLP Approach*, **Eleni Kolovou, M. Saridaki**
2. *Use Multimedia Games to Improve Education Effectivity of Complex Environmental Issues: The Case of Flood Control and Ecosystem Services*, **Jan Husak**
3. *Re-Thinking the Environment through Games. Designing Location Based Mobile Games in Higher Education for Environmental Awareness*, **Judith Ackermann, I. Mariani**
4. *Mobile Game Based Learning for Environmental Education*, **Jelena Ristić, N.Stojić, N. Milanović, D.Groj, D. Barać**

16:00– 16:30 Discussion

16:30 – 16:45 Coffee break

2 Parallel sessions

Session C: Environmental education and science

Chair person: A. L'Astorina; **Rapporteur:** L. Massetti

16:45 – 17:30 Presentations:

- 1. The impact of nature conservation on the thermal comfort enhancement of green urban spaces: lessons for environmental education, **Amirhosein Ghaffarianhoseini, A. Ghaffarianhoseini***
- 2. Science and society: new proposals for an unconventional scientific communication, **Francesca Luger, P.Farabollini***
- 3. The 'chemical language of plants' to communicate plant science, **Francesca Rapparini, L. Neri, A. Torreggiani***
- 4. Innovative learning in environmental education, **G. Siimenson, Marko Peterson***

17:30 – 18:00 Discussion

20:30 Conference dinner at “La Beppa Fioraia”

Session D: Intergenerational learning in environmental education

Chair person: D. Ferrand Bechmann; **Rapporteur:** E. Gosselin

9:00 – 10:15 Presentations:

1. *Using approach of intergenerational cooperation and learning for nature conservation and innovative eco-social interventions in agriculture in Slovenia: a case study*, **Iztok Erjavec, K. Bizjak, M. Gopurn**
2. *Service learning and other community-based learning initiatives in environmental education; BC Naklo higher vocational college case study*, **Liliana Vižintin**
3. *Experiences of intergenerational meteorological and climatological education in Friuli Venezia Giulia (Italy)*, **Sergio Nordio, S.Fumich, G. Benci, M. Bosco, D.Tič, P.Fedrigo**
4. *Examination of age and societal impacts on two community-environmental projects in Naariya (Israel)*, **Asher Vaturi**

10:15 – 10:45 Discussion

Session E: Social engagement in environmental protection

Chair person: R. Evans; **Rapporteur:** P. Zevnik

9:00 – 10:15 Presentations:

1. *Integrating culture, environment, and open innovation for awareness raising: a case from the Farma Valley, Tuscany*, **Andrea Giacomelli, G. Ceccarini**
2. *Solidarity tourism, education and volunteering – social responsible practices in Bulgaria*, **Dessislava Alexova**
3. *Environmental Education in Action: The case study of WWF "school program" in Greece*. **Stefania Pollaki, C. Skanavis**
4. *Involving students in real research studies about the dynamics of an Antarctic glacial system: an example of learning unit using open data*, **Maddalena Macario, F.M. Talarico**

10:15 – 10:45 Discussion

10:45 – 11:15 Coffee break

(Formation of the Jury for the evaluation of the European LBGs)

Friday 25,
11:15-13:15

11:15-13:15 Vote the BEST CONSERVATIONIST'S LOCATION BASED GAME

Chair persons: A. Raschi and M. Mariani

FRANCE *Belnac adventures*

GREECE *Construction of a Bird Observatory at Polifitos Lake (Kozani)*

HUNGARY *The pasha's chest*

ITALY *Aegylon*

SLOVENIA *Magic of nature*

13:15 – 15:00 Lunch & INVOLEN poster session : European Nature Conservationists' LBGs

The public and the Jury evaluate the LBGs

Friday 25,
15:00-17:30

15:00 – 15:30 Award ceremony for the BEST CONSERVATIONIST'S LOCATION BASED GAME

Chair person: I. Kukurelli

15:30 – 16:00 Coffee break

16:00 – 17:30 Plenary session: Reporting back from the workshops and conclusions

Chair person: F. Papageorgiou

16:00 – 17:00 The Rapporteurs give a brief report of the workshops' presentations and discussions

17:00 – 17:30 **Conclusions of the conference and closure**