

PROF. DAVIDE GENELETTI

Contact Information

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Bibliometric profiles

Scopus: Author ID: 6603147495

ISI: Researcher ID: D-5266-2014

Google Scholar: <http://scholar.google.com/citations?user=hjd6REKAAAAJ&hl=en>

HIGHER EDUCATION

- 2002 PhD, Vrije Universiteit Amsterdam. Thesis: Ecological evaluation for environmental impact assessment
- 1999 Post-graduate Certificate in Digital Image Processing of Remotely Sensed Data, International Institute for Aerospace Survey and Earth Sciences (ITC), The Netherlands
- 1997 Master degree (cum laude) in Environmental Sciences, Università di Milano, Italy

ACADEMIC APPOINTMENTS

- 2015 External Researcher, Finnish Environment Institute (SYKE)
- 2014-Present Associate Professor, University of Trento
- 2014-Present Adjunct Professor, Landscape Planning, Free University of Bozen
- 2014 Visiting Scholar, Woods Institute for the Environment, Stanford University
- 2010-2011 Mid-career Research Fellow, Sustainability Science Program, Harvard University
- 2010 Visiting Professor, Pontificia Universidad Catolica de Chile
- 2006-2014 Researcher, Faculty of Engineering, University of Trento
- 2007 Visiting Associate Professor, Faculty of Architecture and Environmental Design, International Islamic University of Malaysia
- 2004- 2006 Adjunct Professor, Environmental planning and assessment, Faculty of Engineering, University of Trento
- 2002-2004 Post-doc fellow and Adjunct Professor of Environmental planning and assessment, Faculty of Engineering, University of Trento
- 2002 Research Fellow, Department of Environmental Sciences, University of Milano-Bicocca
- 1998- 2002 PhD Fellow/Young researcher, Free University of Amsterdam and International Institute for Aerospace Survey and Earth Sciences, The Netherlands
- 1997-1998 Research Assistant, Department of Earth Sciences, University of Modena

RESEARCH GRANTS

- European Commission - Horizon 2020, ESERALDA: Enhancing ecosystem services mapping for policy and decision making, Principal Investigator (PI) for UNITN (Coordinating Institution: University of Kiel), 36 months (2015-2018), € 3 million
- University of Trento – Internal Research Grants, CLIMAWARE: CLIMatic change impacts on future Availability of WATER REsources and hydro- geological risks, WP leader, 18 months (2015-2016), € 200,000
- European Commission – Europe Aid, GDEE: Global Dimension in Engineering Education, WP leader (Coordinating Institution: Universitat Politècnica de Catalunya, 24 months (2013-2015), € 619,000
- European Commission - FP6 INCO-DEV, ReForLan: Restoration of forest landscapes for biodiversity conservation and rural development in the drylands of Latin America, PI for UNITN (Coordinating Institution: Bournemouth University, 36 months (2007- 2009), € 1.7 million

European Commission - Marie Curie Action, EASY-ECO 2008-2010: Evaluation of Sustainability European Conferences and Training Courses, co-PI for UNITN (Coordinating Institution: Vienna University of Economics and Business), 42 months (2008-2011), € 509,786

European Commission - ASEAN-EU AUNP Programme, ENSPADS: Expanding Expertise Network for generating and sharing knowledge related to Spatial Planning And Decision Support, PI for UNITN (Coordinating Institution: ITC), 24 months (2004-2005), € 274,746

Autonomus Province of Trento- Marie Curie COFUND, EcoSerSEA: Integrating ecosystem services in strategic environmental assessment of spatial plans, 2009, € 39,600 (grant not accepted)

Chilean Economic Development Agency – Innova Programme: Agenda de innovación de destino turístico sostenible con identidad para el territorio andino lacustre Curarrehue, PI for UNITN (Coordinating Institution: Pontificia Universidad Católica de Chile), 12 months (2008-2009), personal share: € 3,400

Chilean Economic Development Agency – Innova Programme: Diplomado en Diseño y Gestión de Turismo Sustentable para el Desarrollo Local, PI for UNITN (Coordinating Institution: Pontificia Universidad Católica de Chile) 12 months (2008-2009), personal share: € 6,800

European Cooperation in Science and Technology, COST Action TU0902: Integrated assessment technologies to support the sustainable development of urban areas, Member of the Management Committee, 2010-2014

National Council on Science and Technology of Mexico - Project no. 179386: Evaluación de la importancia relativa de bosque húmedo de niebla bajo un enfoque de paisaje, WP leader, 2013-2016.

Science Museum of Trento (MUSE), Grant for project: Assessing ecosystem services to support the design of ecological networks, Project leader, 2011.

Tridentine Museum of Natural Sciences, Grant for project: GIS approaches to model wildlife habitat, Project leader, 2009.

Tridentine Museum of Natural Sciences, Grant for project: Impact of tourism on wildlife, Project leader, 2008.

National Council on Science and Technology of Mexico – Fondo Mixto Programme, Priorización de subcuencas para la conservación, restauración y el aprovechamiento de los recursos naturales en la Cuenca del Lago de Cuitzeo, WP leader, 2006-2007.

PARTICIPATION in OTHER RESEARCH PROJECTS

National Autonomous University of Mexico - DAGAPA-PAPIIT Programme, Dinámica espacio temporal del bosque mesófilo de montaña del Sistema Volcánico Transversal en el estado de Michoacán bajo un enfoque de paisaje, Participant, 2011-2013.

European Commission - FP5 RTD Programme, Regionet. Strategies for Regional Sustainable Development – An Integrated Approach beyond Best Practice, Participant, 2002-2004.

European Commission - FP5 EESD, ALARM: Assessment of landslide risk and mitigation in mountain areas, Participant, 2001-2004.

European Commission - INCO-DC Programme, ELANEM: Environmental indicators and indices to measure sustainable development, Participant, 1999-2002.

European Commission - TM&R Programme, GETS: A European Research Network on the Application of Geomorphology and Environmental Impact Assessment of Transportation Systems, Participant, 1998-2001.

VISITING SCIENTIST / RESEARCH FELLOW

Finnish Environment Institute (SYKE) (August 2015): External Researcher at the Environmental Policy Centre

Stanford University (July-August 2014): Visiting scientist at the Woods Institute for the Environment.

Harvard University (Sept. 2010-July 2011): Research fellow in the Sustainability Science Program (research position fully funded by Harvard University)

Catholic University of Temuco (2 weeks in Mai 2010): Appointed as “International scientific advisor” to work on the research project “*Efectos antrópicos sobre el paisaje costero de la Araucanía*” at the Laboratory of Territorial Planning.

Pontificia Universidad Católica de Chile (January-February 2010): Appointed as “Visiting Professor” in the Villarrica Campus.

Royal Institute of Technology (KTH, Sweden) (August-September 2009): Visiting professor (LLP Programme) at the Department of Land and Water Resource Engineering.

International Islamic University of Malaysia (July and August 2006): Appointed as “Visiting associate professor” at the Faculty of Architecture and Environmental Design.

University of La Habana (2 weeks in June 2005): Visiting scientist at the Faculty of Geography.

Geological Survey of Canada (Natural Resources Canada (February-April 2001): Visiting fellows at the Division of Earth Sciences and Geoinformation.

KEYNOTES and INVITED PRESENTATIONS

Invited presentation at the international workshop ‘Using ecosystem service assessments to change things in the real world’, organized by Helmholtz Centre for Environmental Research and GIZ. Frankfurt, Germany (November 2014)

Key note speech at the International conference RegioResources 21- 2014: A cross disciplinary dialogue on future perspectives for a sustainable development of regional resources. Katowice, Poland (September 2014).

Invited presentation at the International workshop “High Level Policy Dialogue on Mainstreaming Natural Capital into Sustainable Development: Moving environment to the center stage”, organized by the United Nations Environment Programme. Hanoi, Vietnam (May 2014).

Key note speech at the “International conference RegioResources 21- 2013 A cross disciplinary dialogue on future perspectives for a sustainable development of regional resources”. Catania, Italy (September 2013).

Invited presentation at the Information and Capacity Exchange Workshop organized by the UNEP Project for Ecosystem Services. San Pedro de Atacama, Chile (via skype) (May 2013).

Invited presentation at the International Conference “Biodiversity and ecosystem services in impact assessment”, International Association for Impact Assessment. Washington DC, USA (February 2013).

Invited presentation at the workshop “*Generazione e valutazione delle alternative nei processi di valutazione ambientale*”, organized by the Italian Ministry for the Environment, Bari, Italy (October, 2012).

Invited presentation at the “International workshop on Linking policy impact assessment and sustainability expertise”, organized by the LIAISE Network of Excellence. Villa Vigoni, Italy (October 2012).

Invited presentation at the “Synthesis workshop on Qualities, Vulnerabilities and Management of Ecosystem Services in Mountain Regions Worldwide”, organized by the University of Bern, Mountain Research Initiative. Grosshöchstetten, Switzerland (September 2012).

Invited presentation at the “International Scientific Workshop Energy Landscapes – integrating multiple criteria for planning and decision making”, organised by KTH Royal Institute of Technology. Stockholm, Sweden (August 2012).

Invited presentation at the “International Workshop on Mainstreaming Ecosystem Services into Development Policy: Approaches and Opportunities”, organised by the United Nations Environmental Programme. Port of Spain, Trinidad and Tobago (May 2012).

Invited presentation at the “European Geosciences Union General Assembly 2012”. Vienna, Austria (April 2012).

Invited presentation at the International Seminar “III Seminario Internacional sobre Ordenación del Territorio”, organized by the Catholic University of Temuco. Temuco, Chile (May 2010).

Invited presentation at the event “Indicators of environmental sustainability in transport. Final Conference”, European Cooperation in Science and Technology. Paris, (March 2010).

Invited presentation at the “Consultation meeting on Strategic Environmental Assessment and Health”, organized by the World Health Organization (WHO). Rome (June, 2009).

Invited presentation at the International seminar on “Percepción Remota, el espacio y las oportunidades de desarrollo social”, organized by SERCOTEC, Santiago de Chile (March 2008).

INVITED GUEST LECTURES (international only)

Finnish Environment Institute (SYKE), Helsinki (August 2015). Title: Ecosystem-based adaptation in urban planning and impact assessment

Universidad Católica de Temuco, Chile (via skype) (August, 2014)

Universidad Católica de Temuco, Chile (January, 2010)

Swedish University of Agricultural Sciences. Uppsala, Sweden (September 2009).

Royal Institute of Technology (KTH). Stockholm, Sweden (September 2009).

Pontificia Universidad Católica de Chile. Villarrica, Chile (May 2009)

Universidad de Alcalá de Henares, Spain (December 2007)

Universidad Politécnica de Catalunya. Barcelona (April 2006).

International Islamic University of Malaysia. Kuala Lumpur, Malaysia (July 2006)

University of Technology, Malaysia. Johor Baru, Malaysia (August 2006)

Universidad Nacional Autónoma de México (March 2005)

Universidad Politécnica de Catalunya. Barcelona (April 2005).

Faculty of Geography of the University of La Habana. La Habana, Cuba (June 2005)

El Colegio de la Frontera Sur. Campeche, Mexico (2003).

REFEREE for RESEARCH COUNCILS and INSTITUTIONS

Japan International Cooperation Agency Research Institute (JICA-RI): Expert reviewer for research papers (2015)

Swiss Federal Institute of Technology Zurich (ETH): Evaluation panel member (2014)

Universidad Católica de Temuco, Chile: Evaluation panel member (2014)

Research and Higher Education Academy, Belgium: Project reviewer for proposals in the field “Sustainable development” (2014)

European Commission, Expert for Horizon 2020 proposal evaluation (2013)

International Institute for Applied Systems Analysis, Austria: International referee for the “Peccei & Mikhalevich” Awards (2013)

Italian Ministry of Education and Research (MIUR): Project reviewer (2013)

European Cooperation in Science and Technology (EU-COST): Project evaluator for trans-domain research proposals (2013)

Czech Science Foundation: Project reviewer (2013)

Research Foundation – Flanders: Project reviewer (2013)

National Research Council of the Romanian Government: Expert Reviewer (2012)

ESPON 2013 Programme (European Observation Network for Territorial Development and Cohesion, European Union): Evaluator and monitoring of applied research projects (2010-2011)

National Commission of Technological and Scientific research (Chile): Project evaluator (2010, 2011)

National Autonomous University of Mexico: Member of the evaluation committee to grant tenure status to senior researchers (2010)

ADVISORY BOARDS and SCIENTIFIC COMMITTEES

Ecosystem Services Partnership: Member of the Steering Committee (2014-)

Global Land Project (<http://www.globallandproject.org/>): Member of the European Nodal Office (2013-)

OpenNESS (Operationalisation of Natural Capital and Ecosystem Services), Project funded under the EU 7th Framework Programme: Member of the International Advisory Board.

Ecosystem Services Partnership: National Network Leader for Italy (2013-)

LIAISE-FP7 Network of Excellence (Linking Impact Assessment Instruments to Sustainability Expertise): Lead Editor of the Multicriteria analysis area in the LIAISE toolbox (2012-)
 United Nations Environment Programme (UNEP): Resource person for the to advise on ecosystem services and land use planning (ProEcoServ project) (2012)
 UNESCO Chair in Engineering for Human and Sustainable Development; Member of the Scientific Committee
 International Association for Impact Assessment: Member of the Scientific Committee of the Italian Chapter (2011-)
 International Union for Conservation of Nature (IUCN):

- Member of the Commission on Ecosystem Management (2010-)
- Member of the CEM Climate Change Adaptation Thematic Group 2013-2016
- Member of the CEM Ecosystem Services Thematic Group 2013-2016

World Health Organization (WHO): Honorary adviser for the on the integration of health into Strategic Environmental Assessment (2009)
 National Polytechnic Institute of Mexico: Visiting professor at the Interdisciplinary Research Centre for integrated regional development, Mexico (2009-10)

SCIENTIFIC JOURNAL EDITORIAL and REFERENCING RESPONSIBILITIES

Associate Editor: Impact Assessment and Project Appraisal (2015-)
 Change and Adaptation in Socio-Ecological Systems (2014-)

Book review Editor: Impact Assessment and Project Appraisal (2011-)

Editorial Board Member:

- Landscape and Urban Planning (2014-) (ISI indexed)
- Environmental Impact Assessment Review (2007-) (ISI indexed)
- Impact Assessment and Project Appraisal (2011-) (Scopus indexed)
- Journal of Environmental Assessment Policy and Management (2009-) (ISI indexed)
- Planning Malaysia Journal (2008-) (Scopus indexed)

Guest Editor:

- Nature-based solutions for urban challenges, Special issue for Sustainability (on-going)
- Sustainable Planning Approaches for New Urban Peripheries (with D. La Rosa, M. Spyra and C. Albert), Special issue for Landscape and Urban Planning (on-going)
- Developing and Applying Ecosystem Services Indicators in Decision-Support at Various Scales (J. Hauck, C. Albert, C. Fürst, D. La Rosa, C. Lorz, M. Spyra), Special issue for Ecological Indicators, forthcoming
- Integration of ecological processes in land-use planning by using the concept of ecosystem services (with C. Fürst et al.), Special issue for Ecological Processes, forthcoming
- Ecosystem services in EIA and SEA, special issue for Environmental Impact Assessment Review, Issue 40 (2013)

Referee for: Ecosystem Services; Landscape and Urban Planning; Journal of Multi-Criteria Decision Analysis; Landscape Ecology; Science of the Total Environment; Environmental Impact Assessment Review; Journal of Environmental Management; Land Use Policy; Journal of Environmental Assessment Policy and Management; Natural Resources forum- A United Nations Sustainable Development Journal; Water Resources; Wetland Ecology and Management; Journal of Management Science; ISPRS Journal of Photogrammetry and Remote Sensing; Physics and Chemistry of the Earth; Impact Assessment and Project Appraisal; Revista Mexicana de Biodiversidad; The Philippine Agricultural Scientist; Sustainability; Ecosistemas; Mountain Research and Development; Journal of Environmental Planning and Management; Waste Management; Applied Energy; International Journal of Biodiversity Science, Ecosystem Services & Management; Change and Adaptation in Socio-Ecological

Systems; Environmental Engineering and Management Journal; Planning Malaysia Journal; Environmental Monitoring and Assessment.

Refereeing of book proposals for: Pearson Prentice Hall; Bentham Science Publishers

Reviewer of reports for:

- IPBES (Intergovernmental Platform on biodiversity and ecosystem services)
- The TEEB initiative (The Economics of Ecosystems and Biodiversity, EC/UNEP)
- IUCN (International Union for Conservation of Nature)

PhD SUPERVISION

As main supervisor:

Chiara Cortinovis, University of Trento. PhD topic: Regulating ecosystem services and urban planning

Parenivel Pillay Mauree, Open University of Mauritius. PhD topic: Sustainable spatial planning in Mauritius (on-going)

Linda Zardo, University of Trento. PhD topic: Planning for ecosystem-based adaptation to climate change adaptation (on-going)

Blal Adem Esmail, University of Trento. PhD topic: Water infrastructures, ecosystem services and spatial planning (on-going)

Parveen Kumar, University of Trento. PhD topic: Spatial planning and climate change adaptation (2015)

Lydia Lamorgese, University of Trento- PhD topic: Sustainability assessment of strategic land use decisions (2014)

Marika Ferrari, University of Trento. PhD topic: Integrating ecosystem services in strategic environmental assessment of land use plans (2014)

Chiara Bragagnolo, University of Trento. PhD topic: Treatment of cumulative effects in strategic environmental assessment (2011)

Francesco Orsi, University of Trento. PhD topic: Advanced spatial decision support tools for forest restoration planning (2010, Winner of the UNITN Best PhD thesis award)

Dorje Dawa, University of Trento. PhD topic: Environmental impact assessment of tourism in Ladakh, Indian Himalaya (2008)

As co-supervisor:

Thomas Drobnik, Swiss Federal Institute of Technology Zurich (ETH). PhD Topic: Soil ecosystem services and spatial planning (on-going)

Gemechu Shale Ogato, Addis Ababa University. Topic: Pro-Poor and Urban Floods' Resilient Planning Tools for Small Towns in Ethiopia (on-going)

Daniel Alejandro Rozas Vasques, University of Bonn. PhD topic: Strategic Environmental Assessment of spatial planning (on-going)

Mauro Carolli, University of Trento. PhD topic: Planning for multi-functional river systems (2015)

Paolo Picchi, University of Trento. PhD topic: Energy landscapes and ecosystem services (2015)

Carlos Zamorano Elgueta, Universidad de Alcalá de Henares. PhD topic: Prioritising forest restoration interventions in the coastal areas of Chile (2015)

Alma Debora Lithgow Serrano, Instituto de Ecología, Mexico. PhD topic: Identifying priority areas for ecosystem service restoration in the coastal region of Veracruz, Mexico (2014)

Rocco Scolozzi, University of Trento, PhD topic: Habitat functioning and connectivity assessment to support land-use planning (2009)

PhD COMMITTEES (international)

Swedish Agricultural University (Sweden): "Opponent" for the defence of the PhD dissertation of Mr. Anu Korosuo (2013)

Aalborg University (Denmark): Member of the Evaluation Committee of the PhD dissertation of Ms. Jingjing Gao (2013)

Royal Institute of Technology (Sweden): "Opponent" for the defence of the PhD dissertation of Mr. Mikael Gontier, (2008)

University of Alcalá de Henares (Spain): Member of the Evaluation Committee of the PhD dissertation of Mr. Luis Cayuela (2006)

University of Santiago de Compostela (Spain): Member of the Evaluation Committee of the PhD dissertation of Ms. Ines Sante Riveira (2005)

AWARDS and FELLOWSHIPS

"Giorgio Ruffolo Mid-Career Fellowship in Sustainability Science", Harvard University (2010-2011)
Selected as Seconded National Expert at the Institute for Environment and Sustainability, Joint Research Centre (JRC) of the European Commission (2009). (position not accepted for personal reasons)

Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2006).

Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2004).

Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2003).

Young author award (Premio giovani autori), IV Conferenza Nazionale ASITA "Informazione innovazione e formazione", Genova (2000).

SCIENTIFIC ROLES in INTERNATIONAL CONFERENCES

Member of the Scientific Committee (Reviewer) of the *International Conference on Architecture and Built Environment*, Kuala Lumpur, 5-6 October 2016

Member of the Scientific Committee and Technical Program Team of the Conference IAIA2015: Impact Assessment in the Digital Era. Florence, 20-23 April 2015.

Member of the Scientific Committee of the Conference "*Recuperiamo terreno. Politiche, azioni e misure per un uso sostenibile del suolo*", Milano, May 2015.

Member of the Scientific Committee of the Conference "*- RegioResources 21 -2014 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Katowice, Poland, September 2014)*".

Co-chair of Conference Managing visitor access to natural and protected areas: Challenges, strategies, opportunities. Trento, 22 May 2014

Chair of the Workshop on Scale issues in planning for ecosystem services. Trento, 14 April 2014

Member of the Program Team of the *III Coloquio Internacional en Geografía Ambiental "Evaluación del territorio para objetivos y escalas múltiples"*, Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México, Morelia, Michoacán, 21- 24 March 2012

Session chair at a number of international conferences. The most recent ones include:

- Sustaining ecosystem services in forest landscapes. IUFRO Landscape Ecology Conference (Tartu, 23-30 August 2015)
- Impact Assessment in the Digital Era (Florence, 20-23 April 2015)
- RegioResources 21 -2014 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Katowice, Poland, September 2014).
- Special Symposium on Biodiversity & Ecosystem Services in Impact Assessment (Washington DC, 2013).
- Impact Assessment: The next generation-33rd annual conference of the International Association for Impact Assessment (Calgary, 2013).
- RegioResources 21 -2013 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Catania, 2013).
- 32nd Annual Conference of the International Association for Impact Assessment (Porto, 2012).
- Making an impact? – Special conference on Strategic Environmental Assessment (Prague, 2011)

Instructor of the following Training courses held at international conferences:

- "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 35rd Annual meeting of the International Association for Impact Assessment -IAIA 2015 Florence, April 20-23, 2015.
- "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 33rd Annual meeting of the International Association for Impact Assessment -IAIA 2013 Calgary, May 11-12, 2013.
- "Theory and practice of multicriteria analysis for environmental impact assessment of projects", Pre-conference training course, 32nd Annual meeting of the International Association for Impact Assessment, Porto, May 27-28 2012.

- "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 31st Annual meeting of the International Association for Impact Assessment, Puebla, May 29 2011.
- "Multicriteria analysis for Landscape Ecology and Impact Assessment", Pre-conference training course, International Association for Landscape Ecology World Congress, Wageningen, 8 July 2007.

TRAINING and SHORT COURSES (international)

I offered over 30 training courses (2-5 days) internationally on SEA, ecosystem services, EIA, multicriteria analysis and environmental decision-making. These include:

Multicriteria analysis for environmental impact assessment of projects and plans: Theory and practice, Florence, April 2015 (Pre-conference training course for the International Association for Impact Assessment Annual Meeting)

Spatial Multicriteria Analysis for Environmental Decision-making. Course offered in the doctoral programme of the Thule Institute, University of Oulu, January 21-23 2015

Integrating ecosystem services in Strategic Environmental Assessment for policy support. A training for the Town and Country Planning Division of the Ministry of Planning and Sustainable Development, Trinidad and Tobago. Port of Spain, December 3-5 2014.

Multicriteria analysis for environmental impact assessment of projects and plans: Theory and practice, Calgary, May 2013 (Pre-conference training course for the International Association for Impact Assessment Annual Meeting)

Theory and practice of multicriteria analysis for environmental impact assessment of plans and projects, Porto, May 2012 (Pre-conference training course for the International Association for Impact Assessment Annual Meeting)

Multicriteria analysis for spatial planning and policy making, SETAC Summer School GIS-based modeling of chemical fate, transport and impacts for policy support. Trento, 23-29 July 2012

Multicriteria analysis for environmental impact assessment of projects and plans 29 May 2011, Puebla, Mexico (Pre-conference training course for the International Association for Impact Assessment Annual Meeting)

Training course on the principles of Strategic environmental assessment. Pontificia Universidad Católica de Chile, Villarrica, Chile, 18-29 January 2010

Decision support systems for environmental decision-making, Centro Andaluz de Medio Ambiente, Granada, 28-30 September 2009

Decision support system for spatial planning, Summer school in Spatial Decision Support Systems for Tourism Planning, University of Bologna, Rimini, September 2007, 2008 and 2009

Multicriteria analysis for environmental decisions", MSc Programme in "Ecosystem Restoration", Universidad de Alcalá de Henares, Spain, 2007

Multicriteria analysis for environmental assessment and planning, International Islamic University of Malaysia, Kuala Lumpur, August 16-18 2006

Multicriteria analysis for Environmental Impact Assessment, Pre-conference training course, International Association for Landscape Ecology World Congress, Wageningen, 8 July 2007

Decision support systems for environmental decision-making", Instituto de Geografía, UNAM, Mexico City, 3-7 April 2006

Multi-criteria Analysis for Spatial Planning and Decision Making", International Islamic University of Malaysia, Kuala Lumpur, August 22-26 2005

Advanced course on Spatial Decision Support Systems, Universidad Autonoma de Morelos, Cuernavaca, February 2005

Spatial Decision Support Systems, Universidad Autonoma de Morelos, Cuernavaca, February 2004

Decision Support Systems and GIS for environmental management, Autonomous University of Queretaro, Queretaro, March 2003

GIS and decision support for environmental tourism planning, Autonomous University of Guerrero, Acapulco, October 8-12 2001.

TRAINING and SHORT COURSES (@ Trento)

- Short course "Spatial multicriteria analysis for environmental decision-making", (3 editions: 2012, 2013, 2014), University of Trento

- Training course “*Corso teorico-pratico sulla Valutazione Ambientale Strategica dei piani urbanistici e territoriali*” (4 editions: 2010, 2011, 2012, 2013), University of Trento
- Coordinator of the international Training on Strategic Environmental Assessment, funded by the EASY-ECO Evaluation of Sustainability EC Marie Curie Action, Trento, 8-12 March 2010

CONSULTING for INTERNATIONAL INSTITUTIONS and RESEARCH CENTRES

- Consultant for **UN-Habitat** to design and deliver a Training for Trainers programme on Strategic Environmental Assessment for spatial planning in Kosovo (2015)
- Consultant for the **European Commission**, expert reviewer for Horizon 2020 proposals (2014 and 2015)
- Consultant for **Helmholtz Centre for Environmental Research GmbH - UFZ** (Leipzig / Germany) to provide a method profile on Multicriteria Analysis for the ValueES guidance manual on ecosystem services analysis (2013-2014)
- Consultant for the **United Nations Environment Programme** to prepare a manual on the Integration of Ecosystem Services in Strategic Environmental Assessment (2013-2014)
- Consultant for **UN-Habitat** to prepare a Guidance document to support the implementation of Strategic Environmental Assessment for spatial planning in Kosovo (2014)
- Consultant for **UN-Habitat** to perform Strategic Environmental Assessment of the Spatial Plan of the Bjeshkët e Nemuna National Park (2013)
- Consultant for **UN-Habitat** to perform Strategic Environmental Assessment of Municipal Development Plans in Kosovo (2013)
- Consultant for the **UK Nuclear Decommissioning Authority** to advise on multi-criteria decision analysis for site selection (2012)

PUBLICATIONS

Selected scholarly articles

2015

- Mandle, L., Bryant, B.P., Ruckelshaus, M., Geneletti, D., Kiesecker, J.M., Pfaff, A. (in press). Entry points for considering ecosystem services within infrastructure planning: How to integrate conservation with development in order to aid them both. *Conservation Letters*
- Geneletti, D. (2015). Research in Strategic Environmental Assessment Needs To Better Address Analytical Methods. *Journal of Environmental Assessment Policy and Management*, 17(1), 1550014. doi:10.1142/S1464333215500143
- Lamorgese, L., Geneletti, D., & Partidario, M. R. (2015). Reviewing Strategic Environmental Assessment practice in the oil and gas sector. *Journal of Environmental Assessment, Policy and Management*, 17(2), 1550017. doi:10.1142/S1464333215500179
- Loro, M., Ortega, E., Arce, R. M., & Geneletti, D. (2015). Ecological connectivity analysis to reduce the barrier effect of roads. An innovative graph-theory approach to define wildlife corridors with multiple paths and without bottlenecks. *Landscape and Urban Planning*, 139, 149–162. doi:10.1016/j.landurbplan.2015.03.006
- Sallustio, L., Quatrini, V., Geneletti, D., Corona, P., & Marchetti, M. (2015). Assessing land take by urban development and its impact on carbon storage: Findings from two case studies in Italy. *Environmental Impact Assessment Review*, 54, 80–90. doi:10.1016/j.eiar.2015.05.006
- Loro, M., Ortega, E., Arce, R. M., & Geneletti, D. (2015). Assessing landscape resistance to roe deer dispersal using fuzzy set theory and multicriteria analysis: a case study in Central Spain. *Landscape and Ecological Engineering*. doi:10.1007/s11355-015-0275-1
- Kumar, P., Geneletti, D. (2015). How are climate change concerns addressed by spatial plans? An evaluation framework, and an application to Indian cities. *Land Use Policy*, 42, 210–226.
- Ianni, E., Geneletti, D., & Ciolli, M. (2015). Revitalizing Traditional Ecological Knowledge: A Study in an Alpine Rural Community. *Environmental management* 56, 144-156.

2014

- Grêt-Regamey, A., Weibel, B., Bagstad, K.J., Ferrari, M., Geneletti, D., Klug, H., Schirpke, U., Tappeiner, U. (2014) On the Effects of Scale for Ecosystem Services Mapping. *PLoS one* 9, no. 12 (2014).
- Orsi, F., & Geneletti, D. (2014). Assessing the effects of access policies on travel mode choices in an Alpine tourist destination. *Journal of Transport Geography*, 39, 21–35.

- Zamorano-Elgueta, C., Cayuela, L., Rey-Benayas, J. M., Donoso, P. J., Geneletti, D., & Hobbs, R. J. (2014). The differential influences of human-induced disturbances on tree regeneration community: a landscape approach. *Ecosphere*, 5(7), art. 90.
- Geneletti, D. (2014). Integration of impact assessment types improves consideration of alternatives. *Impact Assessment and Project Appraisal* 32(1).
- Ferrari, M. and Geneletti, D. (2014). Mapping and assessing multiple ecosystem services in an alpine region: A study in Trentino, Italy. *Annali di Botanica* 4, 65-71.
- Demuzere, M, K. Orru, O. Heidrich, E. Olazabal, D. Geneletti, H. Orru, A. G. Bhave, N. Mittal, E. Feliu, and M. Faehnle (2014). Mitigating and adapting to climate change: Multi-functional and multi-scale assessment of green urban infrastructure. *Journal of Environmental Management* 146 (2014): 107-115.
- Fürst, C., Berry, P., Geneletti, D., Khamzina, A., & Sanfo, S. (2014). Inaugural editorial. *Change and Adaptation in Socio-ecological Systems*, volume 1; 35–39
- Uribe, D., Geneletti, D., del Castillo, R., Orsi, F. (2014) , Integrating Stakeholder Preferences and GIS-Based Multicriteria Analysis to Identify Forest Landscape Restoration Priorities. *Sustainability* 6(2), 935 -951.
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