

## CV Stefano Bagli, PhD

Dr. Stefano Bagli has more than 15 years of experience in developing Spatial Decision Support System that integrate into a GIS framework, fate and transport and hydrologic mathematical models with risk assessment methodologies/tools (natural hazard, human and environmental risk). Actually as CEO of GECOSistema srl, is involved in several research project dealing with development of Web GIS DSS in the field of hydrology and water management (<http://www.project.water-switch-on.eu>), soil water balance from remote sensing (<http://www.monalisa-project.eu/en/home/Pages/default.aspx>) and air and water pollution (AWESOME)

He had research experience at Joint Research Centre (European Commission) on remote sensing and image processing for Automatic Feature Extraction with particular emphasis to Image Analysis techniques using morphological operators .

He was Professor at University of Trento, Faculty of Engineering, Environmental Engineering Course of Methods for Environmental Assessment during the period 2008-2010.

In 2009 He was the tutor of Summer school in Geography of Tourism: "Spatial Decision Support Systems (SDSS) for Tourism Planning".

From 2011-2013 He was research fellow at DICAM-UNIBO as GIS and modeling expert involved in the THESEUS (<http://www.theseusproject.eu/>) FP7 EU research project (Innovative technologies for safer European coasts in a changing climate), the largest Integrated Project within coastal risk assessment and mitigation funded by the European Commission.

In 2015 he got a second PhD title in Civil and Environmental Engineering (UNIBO- DICAM) with topic in Coastal Risk Assessment and Decision Support System.

### Research Interest concerns:

- Coastal Engineering, flooding models, coastal flood risk assessment and Decision Support System
- GIS Risk-based approach to map coastal and human health risk;
- Fate and transport of pollutants in the environmental media (air, groundwater, soil, surface water)
- A Multicriteria and GIS Based Optimal cost path methodology for linear infrastructures (powerlines, etc)

### Teaching Interest

- GIS and Environmental models
- GIS and Spatial Decision Support Systems
- Raster based approach to Environmental modeling



**Europass  
curriculum vitae**

Ing, Stefano Bagli, MSc, PhD

**Personal information**

Surname(s) / First name(s)	<b>Bagli Stefano</b>	
Address(es)	Via del Cigno 29, 47900, RIMINI, Italy	
Telephone(s)	+39-0541773651	Mobile: +39-3396843323
E-mail(s)	Stefano.bagli@gecosistema.it	
Nationality(-ies)	ITALIAN	
Date of birth	10/07/1971	
Gender	Male	

**Work experience**

Dates	<b>2001-now</b>	
Occupation or position held	<ul style="list-style-type: none"> <li>CEO of GECOsistema srl <a href="http://www.gecosistema.eu">www.gecosistema.eu</a></li> </ul>	
Main activities and responsibilities	<ul style="list-style-type: none"> <li>GIS, Environmental Modeling, Decision Support Systems</li> <li>Hydrology and water management</li> <li>Costal Risk Assessment and hydrodynamic modeling</li> <li>Air Dispersion and Meteorological modeling</li> <li>Site remediation, landfill health risk assessment, groundwater modelling</li> <li>Human Health Risk Assessment, EIA, SEA</li> <li>Renewable energy power plant: hydropower, OffShore Wind Farm (RIMINIWIND Project), Photovoltaic Power Plant</li> </ul>	
Name and address of employer	GECOsistema srl, Viale Carducci 15, Cesena ITALY	
Type of business or sector	Private Engineering Company	
Dates	<b>2000-2011</b>	
Occupation or position held	Functionary Province of Rimini (Part-Time 50%) <ul style="list-style-type: none"> <li>From 06/2000 to 07/2001 Full-Time</li> <li>From 07/2001 in Part-Time 50%</li> <li>06/2000-12/2000 Special Leaves for PHD</li> <li>03/2002-03/2004 Special Leaves for Post-Doc at JRC LMU</li> </ul>	
Main activities and responsibilities	<ul style="list-style-type: none"> <li>Authorization Procedure for Photovoltaic and renewable energy power plant</li> <li>Environmental Impact Assessment studies</li> <li>Developing of Web-GIS interoperable system (SITUA) for sharing geographic feature on the web</li> <li>Energy Planning, Renewable Energy potential assessment using GIS</li> </ul>	
Name and address of employer	Provincia di Rimini , Via D. Campana 64, 47900 RIMINI ITALY	
Type of business or sector	Public Administration	
Dates	<b>2002-2004</b>	
Title of qualification awarded	Post-Doctoral Fellowship at Joint Research Centre – European Commission – Institute for	

	Environment and Sustainability – Land Management Unit:
Principal subjects/Occupational skills covered	<p>GIS, Image Processing, Environmental Modeling</p> <ul style="list-style-type: none"> <li>○ Agro-pedo-climatological homogeneous zoning of Italy: Developing a GIS Methodology for the definition of crop yield homogeneous zones over Italy.</li> <li>○ <a href="http://agrienv.jrc.it/publications/ECpubs/">http://agrienv.jrc.it/publications/ECpubs/</a></li> <li>○ Automatic Feature Extraction from Landsat Image2000 (<a href="http://image2000.jrc.it/">http://image2000.jrc.it/</a>) : automatic clouds and shadows removal, coastline and lake boundaries extraction, river network delineation using Morphological Image Analysis (MIA). DEM and SRTM processing, automatic mosaicing procedure.</li> </ul>
Name and type of organisation providing education and training	JRC-European Commission – Land Management Unit

### Teaching

<b>Dates</b>	<b>2013,</b>
Occupation or position held	Professor at <b>GIS-based modeling of chemical fate, transport and impacts for policy support. SETAC Summer School Course Rimini, Italy, September 2-6 2013</b>
Principal subjects/Occupational skills covered	GIS, Human and Ecological Risk Assessment- Raster based approach
Name and type of organisation providing education and training	GECOsistema - SETAC
<b>Dates</b>	<b>2008-2010,</b>
Occupation or position held	Professor at University of Trento, Faculty of Engineering, Environmental Engineering Course of Methods for Environmental Assessment
Principal subjects/Occupational skills covered	GIS, Image Processing, EIA, SEA, Environmental Modelling, Decision Support Systems
Name and type of organisation providing education and training	University of Trento
<b>Dates</b>	<b>2010,</b>
Occupation or position held	Professor EASY-ECO e-course
Principal subjects/Occupational skills covered	SEA Strategic Environmental Assessment
Name and type of organisation providing education and training	University of Trento
<b>Dates</b>	<b>2009,</b>
Occupation or position held	Tutor
Principal subjects/Occupational skills covered	<p>Spatial Decision Support Systems in Environmental Tourism Planning– Summer School in Tourism, Rimini, September 7th-11th, 2009</p> <p><a href="http://www.eng.unibo.it/PortaleEn/International+Relations/Summer+Schools/Summer/EconomicsRimini/Summer_school_Spatial_Decision_Support_Systems_for_Tourism_Planning.htm">http://www.eng.unibo.it/PortaleEn/International+Relations/Summer+Schools/Summer/EconomicsRimini/Summer_school_Spatial_Decision_Support_Systems_for_Tourism_Planning.htm</a></p>
Name and type of organisation providing education and training	University of Bologna

## Research Interest

<b>Dates</b>	<b>2011-2014,</b>
Research field	Coastal Engineering, DSS, flooding model and GIS,
Name and type of organisation providing education and training	Research Fellow FP7 Theseus Research Project <a href="http://www.theseusproject.eu/">http://www.theseusproject.eu/</a> University of Bologna
<b>Dates</b>	<b>1998-2001,</b>
Research field	SDSS on Human Health Risk Assessment, GIS, Environmental Modeling,
Name and type of organisation providing education and training	University of Bologna
<b>Dates</b>	<b>2002-2004,</b>
Research field	GIS; Remote Sensing, Mathematical Morphology,
Name and type of organisation providing education and training	JRC EU ISPRA IES
<b>Dates</b>	<b>2001-2010,</b>
Research field	GIS; Environmental Modeling, SEA, EIA; Decision Support Systems
Name and type of organisation providing education and training	GECOsistema srl

## Education and training

<b>Dates</b>	<b>2011 to 2014,</b>
Title of qualification awarded	PhD fellowship, University of Bologna, School of Engineering, Civil and Environmental Engineering
Principal subjects/Occupational skills covered	SDSS; GIS, Coastal risk assessment, Coastal inundation models, erosion models, multicriteria analysis
Name and type of organisation providing education and training	University of Bologna - DICAM
<b>Dates</b>	<b>Lisbon 2005, Sevilla 2004,</b>
Title of qualification awarded	Marie Curie Fellowship (Marie Curie Conference and Training Courses) : ECO-IMAGINE Permanent Conference " Coastal Governance, Planning and Design and GI";
Principal subjects/Occupational skills covered	GIS, Image Processing, Coastal Management
Name and type of organisation providing education and training	European Commission
<b>Dates</b>	<b>2002-2004</b>
Title of qualification awarded	Post-Doctoral Fellowship at Joint Research Centre – European Commission – Institute for Environment and Sustainability – Land Management Unit:
Principal subjects/Occupational skills covered	GIS, Image Processing, Environmental Modeling <ul style="list-style-type: none"> <li>○ Agro-pedo-climatological homogeneous zoning of Italy: Developing a GIS Methodology for the definition of crop yield homogeneous zones over Italy.</li> <li>○ <a href="http://agrienv.jrc.it/publications/ECpubs/">http://agrienv.jrc.it/publications/ECpubs/</a></li> <li>○ Automatic Feature Extraction from Landsat Image2000 (<a href="http://image2000.jrc.it/">http://image2000.jrc.it/</a>) : automatic clouds and shadows removal, coastline and lake boundaries extraction, river network delineation using Morphological Image Analysis (MIA). DEM and SRTM processing, automatic mosaicing procedure.</li> </ul>
Name and type of organisation	JRC-European Commission

providing education and training	
<b>Dates</b>	<b>1998-2001</b>
Title of qualification awarded	PhD fellowship, University of Bologna, School of Engineering (Department of Chemical Engineering, Mining and Environmental Technologies – DICMA);
Principal subjects/Occupational skills covered	GIS, Human Health Risk Assessment, Environmental Modeling
Name and type of organisation providing education and training	University of Bologna, Faculty of Engineering
<b>Dates</b>	<b>1991-1997</b>
Title of qualification awarded	School of Engineering and final degree Master of .Science .in Environmental Engineering;
Principal subjects/Occupational skills covered	GIS, Human Health Risk Assessment, Environmental Modeling
Name and type of organisation providing education and training	University of Bologna, Faculty of Engineering

**Personal skills and competences**

Mother tongue(s)

Other language(s)

Self-assessment

European level (\*)

**ENGLISH**

**FRENCH**

**ITALIAN**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD
POOR	GOOD	POOR	POOR	POOR

(\*) Common European Framework of Reference (CEF) level

Organisational skills and competences	Research Experience, Project Manager, Environmental and Energy Planning
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Technical skills and competences	Very good competence in Mathematical modelling tools for provisional study in field of Environment, GIS and Remote Sensing Specialist, Research experience, Energy and Land Planning
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Computer skills and competences	<p>Operating system: LINUX-UNIX, MSWindows, MAC</p> <p>Flooding Models: MIKE21, TELEMAC 2D, LISFLOOD FP</p> <p>Air Dispersion Modeling: Calpuff, Calmet, Aermot, ISCST3, Caline,</p> <p>Groundwater Modeling: Feflow 6, Modflow, MT3D</p> <p>Idraulic Model: Mike21</p> <p>Renewable Energy: Wasp, RetScreen, WinSim, Calmet, PV-GIS</p> <p>GIS:</p> <ul style="list-style-type: none"> <li>○ Arcview-ArcGIS-ArcInfo-ArcIMS SDERaster Advanced User –</li> </ul>
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	<ul style="list-style-type: none"><li>○ Advanced Programmer in AVENUE and AML, arcobjects,</li><li>○ GRASS and IDRIS User</li></ul> <p>DataBase: Oracle and SQL programming</p> <p>Image Processing: ENVI and IDL, Morphological Image Analysis tool</p> <p>Programming Languages: Python, Visual Basic, LISP, C++, SQL (ORACLE)</p>
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## Modeling Software

Flooding Models: MIKE21, TELEMAC 2D, LISFLOOD FP

Air dispersion modeling codes: ISC3-USEPA, CALPUFF, AERMOD, CAMx, CALGRID, CALINE, DIMULA

Groundwater models: FEFLOW, Modflow, MT3D, HSSM, UTCHEM, VLEACH, EPIC

Water Quality models: WASP, QUAL2E

Human Health Risk Assessment: RBCA, CalTOx, HWIR, 3MRA;

Agro-Pedological Models: CGMS (Jrc), WOFOST

## Publications

Scientific papers on international peer reviewed journals

1. Zanuttigh, B.; Simcic, D.; Bagli, S.; Bozzeda, F.; Pietrantoni, L.; Zagonari, F.; Hoggart, S.; Nicholls, R.J. (2014). THESEUS decision support system for coastal risk management. Coast. Eng. In Press. [hdl.handle.net/10.1016/j.coastaleng.2013.11.013](https://hdl.handle.net/10.1016/j.coastaleng.2013.11.013)
2. Stefano Bagli, Davide Geneletti, and Francesco Orsi, Routing of power lines through least-cost path analysis and multicriteria evaluation to minimise environmental impacts, [Environmental Impact Assessment Review](#) Article in Press,
3. P. Morra, S. Bagli and G. Spadoni, The analysis of human health risk with a detailed procedure operating in a GIS environment, [Environment International Volume 32, Issue 4, May 2006, Pages 444-454](#)
4. Geneletti, D., Bagli, S., Napolitano, P., Pistocchi, A., Spatial decision support for strategic environmental assessment of land use plans. A case study in southern Italy. [Environmental Impact Assessment Review, Volume 27, Issue 5, July 2007, Pages 408-423](#)
5. L. Martelli, M. Filippini, S. Bagli, P. Severi and F. Tomasetti Seismic risk reduction: a local effects map for territorial and urban planning. The example of the Rimini Territorial Plan, [Bollettino di Geofisica Applicata, Vol. 48, n.2, June 2007 pp. 151-162](#)

Scientific and Professional papers on technical journals with editorial board

6. [Bagli, S., Mazzoli, P., Pistocchi, A., Broccoli, D., Integrated design on the Marecchia river International Water Power and Dam Construction Volume 58, Issue 11, November 2006, Pages 34-35](#)
7. [Bagli, S., Pistocchi, A., Mazzoli, P., Valentini, P., Donati, R., Zanetti, L., Strumenti di supporto alle decisioni e sistema informativo ambientale: il caso della Provincia di Milano, Ingegneria Ambientale, vol. XXXV, n. 3, marzo 2006, pp 91-102](#)
8. V. Guerra, P. Napolitano, M. Albano, M. Soravia, S. Bagli, A. Pistocchi, D. Geneletti. Un sistema spaziale a supporto delle decisioni per la Valutazione Ambientale Strategica del PTCIP della Provincia di Napoli. [MondoGIS Set/Ott. 2005](#)
9. S. Bagli, G. Spadoni, "*Ehrra-gis: un sistema informativo geografico per valutare il rischio per la salute umana*", [Ingegneria Ambientale, - 31, 9, 2002](#)
10. M. Castagnetti, B. Zanuttigh, S. Bagli "Idrodinamica indotta sulla costa da un artificial surfing reef ed ipotesi di progetto a Cattolica (RN)". [Studi Costieri N. 18, 2011](#)
- 11.

Books and Book chapters

12. Bagli, S., Mazzoli, P., Pistocchi, A., Valentini, P., Integrating decision support tools and environmental information systems: a case study on the Province of Milan, in: Geneletti, D. and Abdullah, A. (Eds). Spatial decision support for urban and environmental planning. A collection of case studies. Scholar Press, Kuala Lumpur (2007).
13. Bagli, S., J.M. Terres, F.J. Gallego, A. Annoni, J.F. Dallemand (2003): Agro-Pedo-Climatological Zoning of Italy. Definition of homogeneous suitable agro-pedoclimatic zones. Application to grain maize, durum wheat, soft wheat, spring barley, sugar beet, rapeseed, sunflower, soybean, tomato. Report EUR 20550 EN. 218 p.
14. Bagli, S., Mazzoli, P., Pistocchi, A., Valentini, P., Integrating decision support tools and environmental information systems: a case study on the Province of Milan, in: Geneletti, D. and Abdullah, A. (Eds). Spatial decision support for urban and environmental planning. A collection of case studies. Scholar Press, Kuala Lumpur (2007).
15. Author of the Chapter "From fate to exposure and risk modeling with GIS" of the book GIS Based Chemical Fate Modeling: Principles and Applications. Author [Alberto Pistocchi](#).

Conference proceedings

16. [Bagli, S., Geneletti, D., Pistocchi, A., La VAS del Piano Strategico Operativo dell'area vesuviana, in Colombo, L., Losco, S., Pacella, C., \(eds\) "La valutazione ambientale nei piani e nei progetti", atti del Convegno – Napoli, 12 e 13 dicembre 2007. Le Penseur, Brienza, 2008, pp 373-380](#)
17. [Bagli, S., Geneletti, D., Napolitano, P., Pistocchi, A., VAS e analisi del territorio: alcune note metodologiche, in Colombo, L., Losco, S., Pacella, C., \(eds\) "La valutazione ambientale nei piani e nei progetti", atti del Convegno – Napoli, 12 e 13 dicembre 2007. Le Penseur, Brienza, 2008, pp 105-113](#)
18. [Bagli, S., SDSS and risk evaluation: case studies, in: Pistocchi, A. \(ed.\) Proceedings of the 1st open international workshop "Ecological and Human Health Risk Assessment: Focussing on complex chemical risk assessment and the identification of highest risk conditions" EUR 22625 EN ISBN 978-92-79- 4812-8 ISSN 1018-5593 Luxembourg: Office for Official Publications of the European Communities, 2006, pp 88-92](#)
19. [Bagli, S., Pistocchi, A., Map-based advection-dispersion modelling: the integration of environmental models in spatial decision support systems, Proc. 4th Int. Conference on GIS and Environmental Modelling, Banff, CA., sept. 2000](#)
20. L. Morselli, F. Grassi, S. Bagli " LCI APPLICATA AGLI INCENERITORI DI RIFIUTI SOLIDI URBANI OPERANTI NELLA REGIONE EMILIA ROMAGNA E CORRELAZIONE CON LA REALTA' NAZIONALE", Abstract per il Congresso Nazionale "La Chimica per l'Ambiente, 1999
21. S. Bagli, G. Spadoni "A decision support system for environmental and human health risk assessment on GIS", proceedings of 4th International Congress ENERGY, ENVIRONMENT AND TECHNOLOGICAL INNOVATION, Rome September 20-24/1999;
22. S. Bagli, G. Spadoni, "EHHRA-GIS: Environmental and Human Health Risk Assessment using GIS", FORESIGHT and PRECAUTION proceedings of ESREL 2000, Edinburgh 14-17 May 2000;
23. S. Bagli, G. Spadoni, "A Decision Support System for Environmental and Human Health Risk Assessment using GIS", 3th SETAC World Congress, Brighton May 21-25 2000;
24. S. Bagli, G. Spadoni "A multimedia, multiple pathway exposure and risk assessment using EHHRA-GIS: a real case of contamination due to an industrial facility", proceedings of 2nd International Conference on COMPUTER SIMULATION IN RISK ANALYSIS AND HAZARD MITIGATION, Bologna October 11-13/2000.
25. Bagli, S. Spadoni, G., (2000) "EHHRA-GIS: Un sistema di valutazione del rischio per la salute umana", Atti del Convegno VGR2K, Pisa, (I);
26. [Bagli S., Soille P., "Morphological Automatic Extraction of Pan-European coastline from Landsat ETM+ images". COASTGIS03 Fifth international symposium on GIS and computer cartography for coastal zone management. Integrating information in coastal zone management. Genova 16-18 october 2003;](#)
27. P. Morra, S. Bagli, G. Spadoni. "Valutazione del rischio per la salute umana: uno strumento georeferenziato di calcolo e le sue potenzialità illustrate in un caso di studio di un sito" Atti del convegno VGR 2004 (19-21 ottobre 2004)
28. S. Bagli, Fonti Rinnovabili e Pianificazione Energetica GIS based: una applicazione per la Provincia di Rimini. ESRI USER CONFERENCE Rome 2005
29. P. Morra, S. Bagli, G. Spadoni .Valutazione del rischio per la salute umana: uno strumento georeferenziato di calcolo e le sue potenzialità illustrate in un caso di studio di un sito Atti del convegno VGR 2004 (19-21 ottobre 2004)
30. [S. Bagli, P. Morra, G. Spadoni . "A GIS-based approach to map human health risk related to landfill disposal and incineration of wastes". SETAC Europe 16th Annual Meeting, 7-11 May 2006, The Hague \(NL\)](#)
31. [S. Bagli. "A GIS Based approach to quantify and map human health risk related to landfill disposal and incineration of wastes.". Ecomondo Proceedings 2007.](#)
32. L. Morselli, L. Piccari, S. Bagli , F. Passarini "ENVIRONMENTAL AND HUMAN HEALTH RISK ASSESSMENT WITHIN A WASTE MANAGEMENT SYSTEM"
33. L. Martelli, M. Filippini, S. Bagli, P. Severi, F. Tomasetti. "Riduzione del rischio sismico: individuazione e rappresentazione delle aree suscettibili di effetti di sito per gli strumenti di pianificazione territoriale urbanistica. L'Esempio della cartografia per il quadro conoscitivo del PTCP della Provincia di Rimini. 24-esimo convegno nazionale – Gruppo Nazionale di Geofisica della Terra Solida. Roma 15-17 Nov. 2005
34. S. Bagli , S. Pianini , P. Morra , G. Spadoni , A GIS and risk-based approach to Ambient

Permits Systems for industrial carcinogenic air emissions, SETAC Europe 18th Annual Meeting. Warsaw, May 2008

35. Luca Martinelli, Barbara Zanuttigh, Stefano Bagli MODELLING COASTAL RISK AT CESENATICO, NORTHERN ADRIATIC SEA, ITALY - Coastal Structure 2011 - Japan
36. Losada, I.J., García, E., Mendez, F., Zanuttigh, B., Nicholls, R.J., Thompson, Richard, Venderlinden, J.P, Fernandez, F., Ondiviela, B., Diaz-Simal, P., Bagli, S.: *A holistic evaluation of risks in coastal regions under changing climatic, environmental and socioeconomic conditions: the Theseus Decision Support System: European Geosciences Union General Assembly 2012*. Vienna, Austria
37. A GIS-BASED DECISION SUPPORT SYSTEM FOR MULTICRITERIA COASTAL RISK ASSESSMENT AND MANAGEMENT: THE THESEUS APPROACH  
Bagli Stefano, Barbara Zanuttigh, Fabio Zagonari, Luca Martinelli, Marina Colangelo, Fabio Bozzeda, Laura Airoldi, Luca Pietrantoni. 7th European congress on Regional Geoscientific cartography and Information systems
38. Coastal vulnerability assessment in Cesenatico, Northern Adriatic Sea, Italy B. Zanuttigh, F. Zagonari, S. Bagli, L. Martinelli, M. Colangelo, F. Bozzeda. 50th ECSA Conference: Today's science for tomorrow's Management 3-7 June 2012, Venice, Italy
39. Zanuttigh, B., Zagonari, F., Bagli, S., Martinelli, L., Colangelo, M. A., Bozzeda, F. & L. Pietrantoni, 2012. Coastal vulnerability in Cesenatico, Northern Adriatic Sea, Italy, ECSA 50 – Today's Science for tomorrow's management, Venezia, 3-7 Giugno

Oral/ poster presentations at conferences.

40. [Bagli S., Morra P, Spadoni G. "The EHHRA tool: a decision support system for assessing and managing human health risk from industrial activities". 11th International Symposium Loss Prevention and Safety Promotion in the Process Industries Loss Prevention 2004 31 May - 3 June 2004 \\* Praha \\* Czech Republic](#)
41. S. Bagli, C. Romani, V. De Podestà, Il bilancio energetico e dei gas serra come supporto alla pianificazione energetica della Provincia di Rimini. Conferenza Nazionale sulla politica energetica in Italia. Bologna 2005
42. S. Bagli, P. Morra. A GIS based approach to map human health risk related to landfill disposal and incineration of wastes. 10th EuChemS Conference on Chemistry and the Environment: our choice, our life. Education and Professional. 2005 Rimini
43. S. Bagli et al. Una applicazione WEB-GIS 3D per il volo virtuale della Provincia di Rimini. 9 Conferenza Italiana Utenti ESRI Roma 5-6 Aprile 2006
44. [S. Bagli - Studio di Fattibilità per una wind farm eolica in prossimità della costa romagnola - aspetti tecnici, economici ed ambientali; ECOMONDO EOLICO E ITALIA, UN CONNUBIO POSSIBILE? - EcoMondo - Rimini Venerdì 10 Novembre 2006](#)
45. Bozzeda F., Colangelo, M.A.1, Zanuttigh, B.2, Bagli, S.2, Ceccherelli, V.U.1 "Fuzzy Bayesian Ecological Model (FBEM): un approccio metodologico per la modellazione numerica di evoluzioni ecosistemiche dovute a "climate change" su larga e piccola scala " Riassunti XXI Congresso della Società Italiana di Ecologia
46. Modelli idraulici per l'analisi di vulnerabilità all'ingressione marina. Il caso di studio di Lido Savio (Ravenna) Mazzoli P., Bagli S. GECOsystema Srl Zanuttigh B. UNIBO Perini L., Luciani P., Calabrese L. -RER-SGSS - CoastExpo 2011 - Settembre 2011
47. A raster-based model for mapping storm surge flooding in urbanized coastal area: a watershed segmentation approach.  
[Bagli, S.; Zanuttigh, B.; Martinelli, L.; Losada, I. J.; Laborie, V.; Pistocchi, A.](#)

EGU General Assembly 2012, held 22-27 April, 2012 in Vienna, Austria., p.12024

Short technical communications, educational and informative papers

48. Report Theseus: Flood and erosion maps at present conditions, WP1 Risk assessment, policy, management and planning strategy in study sites

