

Programme IALE-D Annual Conference, 20-23 Oct, 2015, Bonn

Ecosystem Services to Ensure Sustainable Rural Development and Sustainable Use of Natural Resources

Wednesday, 21st October, 2015

08:00	Registration
08:30	Opening of the Conference <i>Christine Fürst, Christian Borgemeister, Uta Steinhardt</i>
08:45	Keynote: The National Contribution to IPBES (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services) <i>Susanne Lehmann</i>
09:15	Keynote: Mapping and Assessment of Ecosystems and their Services in Europe. Progress, prospects and applications <i>Joachim Maes</i>
09:45	Keynote: News from IALE Europe <i>Veerle van Eetvelde</i>
10:15	Coffee break
10:30	Session 1 – Mapping and Assessment of Ecosystem Services <i>(13 min. per presentation + 2 min. questions from the audience)</i> <i>Benjamin Burkhard, Joachim Maes</i>
10:30	Ecosystem service mapping using remote sensing: Where do we benefit from ecosystems? <i>Daniela Braun, Alexander Damm, Michael E. Schaepman</i>
10:45	Assessment and mapping of ecosystem services: change of wild-bee pollination potential in response to climate change and land-use change in Central Germany <i>Christian Hoyer, Lukas Egli, Christian Schweitzer Jörg Priess, Grazia Zulian</i>
11:00	Pattern of ecosystem service provision in mountain grassland <i>Marina Kohler, Georg Leitingner, Uta Schirpke, Erich Tasser, Johannes Rüdisser, Karl Grigulis, Sandra Lavorel, Ulrike Tappeiner</i>
11:15	Spatial analysis of regional water balance in irrigated croplands in Uzbekistan, Central Asia <i>Navneet Kumar, Asia Khamzina, Bernhard Tischbein, John P.A. Lamers and Christopher Conrad</i>
11:30	Recreation as cultural ecosystem service - first estimation in Germany at a national level <i>Stefan Marzelli, Sven-Erik Rabe, Christoph Moning, Sabrina Daube, Adrienne Gret-Regamey</i>
11:45	Why map ecosystem services AND ecosystem disservices – factors increasing and decreasing human wellbeing? <i>Joerg A. Priess, Benjamin Burkhard</i>
12:00	Germany's ecosystem services maps: from indicators to cold- and hotspots analyses <i>Sven-Erik Rabe, Thomas Koellner, Stefan Marzelli, Paul Schumacher, Adrienne Grêt-Regamey</i>
12:15	Entwicklung und Umsetzung des nationalen Indikators „Versorgung mit Grünflächen“ zur Bewertung der Ökosystemleistung „Erholung in der Stadt“ <i>Benjamin Richter, Karsten Grunewald, Henrik Herold, Ralf-Uwe Syrbe, Ulrich Walz</i>
12:30	Lunch and Poster-Exhibition

13:30	Session 2 – Application of Ecosystem Services in Planning and Management (15 min. per presentation + 5 min. questions from the audience) <i>Christian Albert</i>
13:30	Ökosystemleistungen in der Planung - Stand des Wissens und Perspektiven <i>Christian Albert</i>
13:50	Optionen für die Stadtplanung unter Wachstum und Schrumpfung - räumlich explizite Szenarien für die Großstadt Leipzig und Effekte für Ökosystemdienstleistungen <i>Dagmar Haase, Julius Quanz, Annegret Haase, Dieter Rink</i>
14:10	Stadtforsten im Spagat zwischen Nutzervorstellungen, Forstmanagement und Klimawandel – das Beispiel des Berliner Grunewaldes <i>Neele Larondelle, Dagmar Haase</i>
14:30	Anwendung von ÖSL in der Schweizerischen Politik und Praxis: Eine Auswahl von Chancen, Risiken und Nebenwirkungen <i>Roger Keller</i>
14:50	Do spatial plans support ecosystem service provision in suburban areas of big cities in Poland? The case study of Wrocław <i>Marta Sylla, Katarzyna Tokarczyk-Dorociak, Szymon Szewrański</i>
15:10	Cross-border spatial planning technologies in the European context. Notes from INTECRE project <i>Susanne Frank, Marcin Spyra, Christine Fürst</i>
15:30	Coffee break
15:45	IALE Award Session Moderation: <i>Uta Steinhardt und Jürgen Breuste</i> Award recipient: <i>Martin Halliger</i>
16:15	Poster session and networking for young scientists (3 min. per presentation) Moderation: <i>Janina Kleemann und Susanne Frank</i>
S1	Including threat in mapping ecosystem service hotspots <i>Matthias Schröter, Roland Krämer, Aletta Bonn</i>
S1	Ecosystem Services Classification and Mapping at local scale: a coastal lagoon case study <i>Sousa L.P., Lillebø A.I., Alves F.L.</i>
S1	What do future visions of nature management mean for ecosystem services in Europe? The European Nature Outlook study <i>Katalin Petz</i>
S1	The effect of afforestation on recreational services - a case study from Saxony in Germany <i>Heera Lee, Sven Lautenbach</i>
S1	Economic Valuation of Ecosystem Services in Ethiopia and Tanzania <i>Oliver K. Kirui</i>
S1	Ecosystem services in coupled social–ecological systems—closing the cycle of service provision and societal feedback <i>Michael Nassl</i>
S1	Indicators of Ecosystem Functions in West-African Savannah: a Review <i>Nicholas Moret, Jan Henning Sommer</i>
S2	Sustainable development and spatial planning: Coupling ecosystem services, strategic environmental assessment and multiple actors <i>Daniel Rozas-Vásquez, Christine Fürst, Davide Geneletti, Francisco Muñoz</i>
S2	Prospective scenarios of landscape for spatial planning. An adaptive framework to support decision making in coastal areas in southern Chile, integrating land use/cover models and ecosystem services dynamics <i>Fernando Peña-Cortés, Gonzalo Rebolledo, Enrique Hauenstein, Jaime Tapia, Carlos Bertrán, Luis Vargas, Cristian Vergara, Daniel Rozas-Vásquez</i>

S2	Landscape functions as the basis for assessment of ecosystem services capacity <i>Dmitry Marinskikh, Svetlana Solodyankina, Uliya.Vanteeva</i>
S2	Assessment of urban ecosystem services to provide urban resilience by the means of urban planning (by the example of city of Tyumen, Russia) <i>Liliya Sulkarnaeva, Dmitry Marinskikh</i>
S3	Generating diversified agricultural landscapes using the landscape structure model in GISCAM for Sub-Saharan Africa <i>Justice Nana Inkoom</i>
S3	Spatio-temporal patterns of forest recovery on abandoned arable land: fires and plant diversity <i>Larisa Khanina, Maxim Bobrovsky</i>
S3	A stakeholder-based approach for assessing agricultural land use scenarios on Ecosystem Services in Northern Ghana <i>Hongmi Koo, Christine Fürst</i>
S4	Biodiversity and Ecosystem Services of Biosphere Reserve Swabian Alb <i>Natascha Lepp, Kathrin Linnemann, Prof. Dr. Klaus Schmieder, Prof. Dr. Konrad Reidl</i>
S4	Entwicklung eines Stratifizierungsansatzes zur distributiven Modellierung von Desertifikationserscheinungen <i>Martin Schultze, Christine Fürst</i>
S5	Advances and gaps in the integration of ecosystem-based approaches in municipal adaptation strategies: the case of Germany <i>Teresa Zölch, Christine Wamsler, Stephan Pauleit</i>
S5	The nexus of urban biodiversity, green space and ecosystem services in growing big cities in Germany and China <i>Karsten Grunewald, Lennart Kümper-Schlake, Wolfgang Wende et al.</i>
S5	Ein integrativer Bewertungsansatz für Ökosystemleistungen urbaner Grünflächen unter Berücksichtigung ökologischer, klimatologischer und akzeptanzrelevanter Indikatoren <i>Benjamin Daniels, Richard Ottermanns, Martina Roß-Nickoll</i>
S5	Intensive Landwirtschaft in Städten und ökologische Probleme <i>Siegmar Thomas</i>
17:30	IALE-D members' meeting
18:30	Evening reception and poster award presentation

Thursday, 22nd October, 2015

- 08:30** **Keynote: Landscape Ecology Worldwide - Key Questions, Key Impacts**
Felix Kienast
- 09:00** **Session 3 - Landscape Ecology Worldwide - Key Questions, Key Impacts**
(13 min. per presentation + 2 min. questions from the audience)
Felix Kienast
- 09:00** **Ecosystem service delivery from West African rangelands is more driven by land-use and vegetation attributes than by climate**
Reginald Guuroh, Anja Linstädter, Jessica Ferner, Kristijan Čanak, Sebastian Schmidlein
- 09:15** **Changes in land cover and ecosystem carbon stocks under integrated watershed management in Tigray, Ethiopia**
Tigist Araya Gessesse, Asia Khamzina, He Yin, Wulf Amelung
- 09:30** **Trade-offs between Plant Biodiversity and Carbon Storage – examples from Afforestation Scenarios in Saxony**
Sven Lautenbach, Anne Jungandreas, Jan Blanke, Veiko Lehsten, Susanne Mühlner, Ingolf Kühn, Martin Volk
- 09:45** **Status of Corridors in Terai Arc Landscape, India: implications for conservation management of large mammals**
Moorthy Naveen
- 10:00** **Assessment of the balance between ecosystem supply and social demand of biomass-based products in the Sudanian Savanna of Northern Ghana**
Marcos Jiménez
- 10:15** **Spatial quantification and assessing of forest ecosystem services - A case study from the tropical rain forest of Ecuador**
Jeaneth Delgado, Christine B. Schmitt
- 10:30** **Multifunctional landscapes: Regional pattern of ecosystem services in cultural landscapes**
Andrea Früh-Müller, Lutz Breuer, Volkmar Wolters, Thomas Koellner
- 10:45** **Accounting for a diverse forest ownership structure in projections of forest ecosystem services**
Jeannette Eggers, Hampus Holmström, Tomas Lämås, Torgny Lind and Karin Öhman
- 11:00** **Coffee break**
- 11:15** **Session 5 - Nature-based Solutions for Urban Areas**
(10 min. per presentation + 5 min. questions from the audience)
Dagmar Haase, Jürgen Breuste
- 11:15** **Pläne und Programme für biologische Vielfalt in Städten - ein globaler Vergleich**
Peter Werner
- 11:30** **Implementierung von Biodiversitätsbelangen im Rahmen der Stadtentwicklung – Möglichkeiten der planerischen Verankerung und Umsetzung**
Juliane Mathey, Stefanie Rößler, Anne Seiwert
- 11:45** **Provision of ecosystem services is determined by human agency, not ecosystem functions**
Spangenberg JH, Görg C, Truong DT, Tekken V, Bustaman JV, Settele J.
- 12:00** **Squeezing the most out of urban trees!?! - threats and opportunities concerning research and nature-based-solutions**
Angela Hof
- 12:15** **INTEGRATING REGULATING ECOSYSTEM SERVICES IN URBAN PLANNING: An approach to map supply and beneficiaries**
Chiara Cortinovia, Davide Geneletti, Linda Zardo

12:30	Nature-based solutions for infill-development in the City of Bonn (Germany) <i>Sophie Schetke</i>
12:45	Panel discussion within the session
13:15	Lunch break
14:15	Session 4 - Sustainable rural development <i>(15 min. per presentation + 5 min. questions from the audience)</i> <i>Roman Lenz</i>
14:15	Untersuchungen zur Artenvielfalt auf Linsenäckern <i>Koch, A., Lenz, R., Pekrun, C., Reidl, K., Pflaum, S., Röhl, M., Zimmermann, C., Deuschle, J.</i>
14:35	Nachhaltige Landschaftsentwicklung in den Zentralalpen – die Erwartungen von Einheimischen und Touristen an die Berglandwirtschaft <i>Caroline Pecher, Maria Bacher, Erich Tasser, Ulrike Tappeiner</i>
14:55	Waldweide wieder im Kommen? Erprobung neuer Synergien zwischen Naturschutz, Forstwirtschaft und stadtnaher Erholung <i>Uta Steinhardt, Dörte Beyer, Ninett Hirsch, Vera Luthardt, Georg Ruck, Peter Spathelf, Anja Stache</i>
15:15	Framing stakeholder strategies for Sustainability Impact Assessment of peatlands use scenarios <i>Till Hermanns, Katharina Helming</i>
15:35	Ecosystem services from integrating perennial polycultures to crop rotation: An assessment <i>Peter Weißhuhn, Hubert Wiggering</i>
15:55	Linking the distribution of Land use, Biodiversity and Ecosystem Services – exemplified by potential areas for extensive grassland ecosystems due to geobiophysical conditions, Bavaria, Germany <i>Werner Rolf, Roman Lenz, David Peters</i>
16:15	Coffee break
16:30	Panel discussion: New ground? - ES in landscape planning Moderation: <i>Karsten Grunewald</i> Panelists: <i>Dagmar Haase, Wolfgang Haber, Felix Kienast, Roman Lenz, Uta Steinhardt</i>
17:30	Meeting AG Ecosystem Services in IALE-D <i>Karsten Grunewald, Marion Kruse, Susanne Frank</i>