

# DLA 2014 – Agenda at a Glance

Wednesday, May 21, 2014

08.00 – 09.00	<b>Registration</b>	
09.00 – 09.45	<b>Welcome and Opening Remarks</b>	
	<i>Christophe Giroit</i>	
	Siemens Auditorium (HIT E 51)	
09.45 – 10.30	<b>Opening Keynote</b>	
	Geodesign with Little Time and Small Data: Post-tsunami Restoration in Soma City, Fukushima Prefecture, Japan	
	<i>Carl Steinitz</i>	
	Siemens Auditorium (HIT E 51)	
10.30 – 11.30	<b>Coffee / Networking Break</b>	
	Foyer (HIT)	
11.30 – 13.00	<b>Session 1: Geodesign Case Studies</b>	
	<i>Chair: Andrew Lovett</i>	
	Siemens Auditorium (HIT E 51)	
	<ul style="list-style-type: none"><li>• Designing with Diagrams: An introduction to integrating diagrams into complex design <i>Hrishikesh Ballal</i></li><li>• Using Geodesign to Support Collaborative Planning Workshops <i>Ron Janssen</i></li><li>• Integrated Approaches in Digital / Interactive Landscape Planning <i>Carolin Galler and Barty Warren-Kretzschmar</i></li><li>• Digital Participatory Landscape Planning for Renewable Energy – Interactive Visual Landscape Assessment as Basis for the Geodesign of Wind Parks in Germany <i>Michael Roth</i></li><li>• Local Lessons for a Global Landscape Challenge: Design and Planning Responses to Unconventional Shale Gas Development <i>Timothy Murtha</i></li><li>• Sustainable Design of Alpine Infrastructures <i>Kathrin Aste</i></li></ul>	
13.00 – 14.00	<b>Lunch Break</b>	
	Foyer (HIT)	
14.00 – 14.45	<b>Keynote</b>	
	Integrating Technology, Science and Creativity – A Challenge for Collaborative Settings in Geodesign <i>Hans-Georg Schwarz-v. Raumer and Antje Stokman</i>	
	Siemens Auditorium (HIT E 51)	
14.45 – 15.45	<b>Session 2: Geodesign Methods and Tools</b>	<b>Workshop:</b>
	<i>Chair: Ryan Perkl</i>	<b>CINEMA 4D Workshop on 3D Plants and Landscape Visualization</b>
	Siemens Auditorium (HIT E 51)	<b>(parallel 3 hours workshop)</b>
	<ul style="list-style-type: none"><li>• The Gap Analysis Tool for Outdoor Recreation: A Case Study in Metro Vancouver, Canada <i>Brent Chamberlain</i></li><li>• Linking Growth Management to Urban Conservation: Geodesign as a Tool for Identifying Regeneration Sites <i>Galen Newman</i></li><li>• A Digital Approach to Understanding the Complex Italian Landscape: From Viewshed to Visual Intrusion <i>Leonardo Maria Giannini</i></li></ul>	<i>Instructor: Philip Paar, laubwerk</i>
		Room: Landscape Visualization and Modeling Lab LVML (HIL H 40.8)
15.45 – 16.15	<b>Coffee / Networking Break</b>	
	Foyer (HIT)	

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16.15 – 17.45

### Session 3: Advancing Geodesign Concepts and Systems

*Chair: Ron Janssen*

Siemens Auditorium (HIT E 51)

- BioComplexity, Systems Thinking, and Multi-Scale Dynamic Simulation: Foundations of Geodesign  
*Stephen Ervin*
- An Assessment of the Potential of Using Visual Abstraction & Sound for Inclusive Geodesign  
*Mark Lindquist*
- Emplaced Mapping and Narratives within the Participatory Planning Process  
*Julia Badenhope and Christopher Seeger*
- A Performative Approach to Geodesign: Conceiving open space in a highly polluted Beijing  
*Jillian Walliss*

### Workshop: (continued)

18.30 – 20.30

### Reception: Official Welcome

Alumni Lounge (HIL)

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**Thursday, May 22, 2014**

08.00 – 09.00	<b>Registration</b>	
09.00 – 09.45	<b>Keynote</b>	
	Using Photographs to Build and Augment 3D Models <i>Marc Pollefeys</i> Siemens Auditorium (HIT E 51)	
09.45 – 10.30	<b>Poster Session</b>	
	Siemens Auditorium (HIT E 51)	
		<b>Workshop:</b>
		<b>Site Building: From UAV Data to Landscape Transformation (parallel 3 hours workshop)</b>
		<i>Instructors:</i> <i>James Melsom and Luis E. Fraguada, ETH Zurich, Professor Christophe Girot, Chair of Landscape Architecture</i>
		Room: Landscape Visualization and Modeling Lab LVML (HIL H 40.8)
10.30 – 11.00	<b>Coffee / Networking Break</b>	
	Foyer (HIT)	
11.00 – 12.00	<b>Session 4: From Point Clouds to Geo-Based Design</b>	<b>Workshop: (continued)</b>
	<i>Chair: Philip Paar</i> Siemens Auditorium (HIT E 51)	
	<ul style="list-style-type: none"> <li>• Head in the Point Clouds – Feet on the Ground <i>Jörg Rekitke and Yazid Ninsalam</i></li> <li>• Point Cloud Components – Tools for the representation of large scale landscape architectural projects <i>Ervine Lin</i></li> <li>• Geodesign meets Diggers and Dozers – Who is Afraid of Triangles? <i>Peter Petschek</i></li> <li>• Digital Tectonics, an Instrument for CNC Milling Efficiency and Experimentation <i>Georgios Orfanopoulos</i></li> </ul>	
12.00 – 13.00	<b>Session 5: Rule-based Approaches for Geodesign</b>	
	<i>Chair: Timothy Murtha</i> Siemens Auditorium (HIT E 51)	
	<ul style="list-style-type: none"> <li>• Making Urban Quality Negotiable <i>Noemi Neuenschwander</i></li> <li>• Testing Patterns of Landowner Propensities to Implement Extensive Forest Fuels Reduction: Agent-based Modeling Experiments in the Willamette Valley, U.S.A. <i>Rob Ribe</i></li> <li>• Geodesigning Wildlife Corridors: Development of an Automated Design Model <i>Ryan Perkl</i></li> </ul>	
13.00 – 13.10	<b>Group Image : Main Entrance HIT Building</b>	
13.10 – 14.00	<b>Lunch Break</b>	
	Foyer (HIT)	

14.00 – 14.45	<b>Keynote</b> Service-Oriented Geovisualization for Geodesign <i>Jürgen Döllner</i> Siemens Auditorium (HIT E 51)	
14.45 – 15.45	<b>Session 6: Landscape Information Modeling (LIM) and Standardization</b> <i>Chair: Stephen Ervin</i> Siemens Auditorium (HIT E 51)  <ul style="list-style-type: none"> <li>• Linking GIS-based Modeling of Stormwater Best Management Practices to 3D Visualization <i>Howard Hahn</i></li> <li>• Adaptive Billboard Clouds for Botanical Tree Models <i>Julian Kratt</i></li> <li>• An Excel Based Digital Tool for Planting Design, Analysis and Evaluation <i>Chen Ye</i></li> </ul>	<b>Workshop:</b> <b>Development of New Methods for Geo Design using Arc GIS CityEngine and 3D Libraries</b> <i>Instructor: Christian Sailer, Esri Schweiz AG, Ersi Inc. and SmarterBetterCities</i>  Room: Landscape Visualization and Modeling Lab LVML (HIL H 40.8)
15.45 – 16.15	<b>Coffee / Networking Break</b> Foyer (HIT)	
16.15 – 17.45	<b>Session 7: Mobile Devices for Geodesign</b> <i>Chair: Jörg Rekitke</i> Siemens Auditorium (HIT E 51)  <ul style="list-style-type: none"> <li>• Framing Nature: Using Augmented Reality to Communicate Ecosystem Services <i>Andrew Lovett</i></li> <li>• Facilitated-VGI, Smartphones and Geodesign: Building a Coalition while Mapping Community Infrastructure <i>Christopher Seeger</i></li> <li>• Use of Mobile Devices in Public Participation for the Design of Open Spaces <i>Gulsah Bilge</i></li> <li>• Analysing and mapping the cyclable city. A GPS-based analysis of the real and potential cyclability of Madrid <i>Gustavo Romanillos</i></li> <li>• Urban Pulse: The Application of Moving Sensor Networks in the Urban Environment: Strategies for Implementation and Implications for Landscape Design <i>James Melsom and Luis E. Fraguada</i></li> </ul>	<b>Workshop: (continued)</b>
18.45	<b>Shuttle-Bus from ETH Zurich-Hoenggerberg to Seegräben</b>	
20.00 – 23.00	<b>Conference Dinner at Jucker Farm in Seegräben</b>	
23.00	<b>Shuttle-Bus from Seegräben to Zurich Main Station (Zürich HB)</b>	

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**Friday, May 23, 2014**

08.00 – 09.00	<b>Registration</b>	
09.00 – 09.45	<b>Keynote</b>	
	Digital Methods and Collaborative Platforms for Informing Design Values with Science <i>Adrienne Grêt-Regamey</i> Siemens Auditorium (HIT E 51)	
09.45 – 11.15	<b>Session 8: Assessing the Tools' Fitness for Purpose</b>	<b>Workshop:</b>
	<i>Chair: Michael Roth</i> Siemens Auditorium (HIT E 51)	<b>Lands Design: landscaping tools for Rhino</b> <b>(parallel 3 hours workshop)</b> <i>Instructor: Francesc Salla, Architect and VisualARQ Product Manager</i> Room: HIT K 51
	<ul style="list-style-type: none"> <li>• Stress and Restoration during Navigation through an Urban Environment <i>Beatrix Emo and Tyler Thrash</i></li> <li>• Differences in Perceived Fear between Actual Environment and Image-based Environment Using Eye Tracking Method <i>Mintai Kim</i></li> <li>• Evaluation of Geodesign Maps for Spatial Planning <i>Tessa Eikelboom</i></li> <li>• Assessment and Eye Movements Compared between Photographs and Visualizations of Logged Forest Vistas. For What Kind of Assessments Are Visualizations a Good Representation of Photographs? <i>Johan Pihel</i></li> <li>• Understanding Landscape Changes and Cultural Ecosystem Services in a retro(per)spective <i>Linda Szűcs</i></li> <li>• The Use of Visualised Landscapes in order to Challenge and Develop Theory in Landscape Preference Research <i>Åsa Ode Sang</i></li> </ul>	<b>Workshop:</b> <b>Autodesk InfraWorks: Conceptual design in large scale 3D urban and landscape models</b> <b>(parallel 3 hours workshop)</b> <i>Instructor: Markus Briglmeir, Product Manager Autodesk InfraWorks</i> Room: HIT K 52
11.15 – 11.45	<b>Coffee / Networking Break</b>	
	Foyer (HIT)	
11.45 – 13.00	<b>Short Presentations: Five Minutes of Fame</b>	<b>Workshops: (continued)</b>
	<i>Chair: Joachim Kieferle</i> Siemens Auditorium (HIT E 51)	
	<ul style="list-style-type: none"> <li>• Integrating Remote Sensing and GIS for Ecological Capacity Assessment: The Case of Regional Planning in Melbourne, Australia <i>Siqing Chen</i></li> <li>• Visual Effects of Vertical Gardens in Landscape Designs: A Case Study of Düzce University Campus <i>Sinem Özdede</i></li> <li>• From Landscape Surveying to Landscape Design – A Case Study in Nanjing, P.R. China <i>Li Pang</i></li> <li>• Combining Three Modeling and Visualization Tools for Collaborative Planning of Urban Transformation <i>Ulrike Wissen Hayek</i></li> <li>• Relevance of 3D in Scientific Visualization: A Geodesign Focus <i>Arzu Çöltekin</i></li> </ul>	

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13.00 – 14.00	<b>Lunch Break</b> Foyer (HIT)
14.00 – 14.45	<b>Keynote</b> BASE LAND 2050 <i>Clément Willemin</i> Siemens Auditorium (HIT E 51)
14.45 – 16.00	<b>Session 9: Teaching with Geodesign Tools and Approaches</b> <i>Chair: Peter Petschek</i> Siemens Auditorium (HIT E 51) <ul style="list-style-type: none"><li>• Advancing Studio Knowledge through Virtual Interdisciplinary and Transdisciplinary Collaborations <i>David Goldberg</i></li><li>• Augmented Landform – An Educational Augmented Reality Tool for Landscape Architecture Students <i>Olaf Schroth</i></li><li>• Use and Acceptance of a Geo-located Arboretum Database as a Student Learning Tool <i>David Barbarash</i></li><li>• Speculative Precision: Combining Haptic Terrain Modelling with Real-Time Digital Analysis for Landscape Design <i>Ilmar Hurkkens and Georg Munkel</i></li><li>• “OpenEcoMap” – Crowdsourced Geospatial Data in Landscape Assessment Teaching – A Work in Progress <i>Raphael Angehrn</i></li></ul>
16.00 – 16.30	<b>Coffee / Networking Break</b> Foyer (HIT)
16.30 – 17.00	<b>Keynote</b> Future Collaborative Activities to Meet the Challenges of Geodesign <i>Erich Buhmann</i> Siemens Auditorium (HIT E 51)
17.00 – 17.30	<b>Closing of the Conference</b> <i>Adrienne Grêt-Regamey and Christophe Girot</i> Siemens Auditorium (HIT E 51)