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Workshop on Visualisation in Environmental Sciences

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Table of Contents

Table of Contents	iii
International Programme Committee	v
Author Index	vi
Keynote	vii
Atmosphere	
Interactive Visual Exploration of Teleconnections in Atmospheric Datasets	1
<i>Anatoliy Antonov, Gerrit Lohmann, Monica Ionita, Mihai Dima, and Lars Linsen</i>	
Web-based 3D Meteo Visualization: 3D Rendering Farms from a New Perspective	9
<i>Michal Koutek and Ian van der Neut</i>	
Developing a Concept to Visualize Object-based Weather Forecasting Ensembles	19
<i>Kathrin Feige, Rafael Posada, and Ulrich Blahak</i>	
Hydrosphere	
Change Point Detection for Ocean Eddy Analysis	27
<i>Divya Banesh, Joanne Wendelberger, Mark Petersen, James Ahrens, and Bernd Hamann</i>	
Predict Saturated Thickness using TensorBoard Visualization	35
<i>Vinh The Nguyen, Tommy Dang, and Fang Jin</i>	
How To Look at Data: Environmental Practitioners' Lens Through Two Case Studies	41
<i>Meng Ling, Jeffrey A. Johnson, Zhiquan Feng, and Jian Chen</i>	
Ecosphere and Infrastructure	
TreeeX: Exploring the Diversity of Tree Species	47
<i>Stefan Jänicke</i>	
Visual Analysis of Urban Traffic Data based on High-Resolution and High-Dimensional Environmental Sensor Data	55
<i>Johannes Häußler, Manuel Stein, Daniel Seebacher, Halldor Janetzko, Tobias Schreck, and Daniel Keim</i>	
Visualizing Electrical Power Systems as Flow Fields	63
<i>Samantha Molnar and Kenny Gruchalla</i>	
What if we use the "What if" Approach for Eco-Feedback? Designing an Electricity Consumption Analysis for Layman Users	73
<i>Jérémy Wambecke, Georges-Pierre Bonneau, Renaud Blanch, and Romain Vergne</i>	

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Author Index

Ahrens, James	27	Johnson, Jeffrey A.	41
Antonov, Anatoliy	1	Keim, Daniel	55
Banesh, Divya	27	Koutek, Michal	9
Blahak, Ulrich	19	Ling, Meng	41
Blanch, Renaud	73	Linsen, Lars	1
Bonneau, Georges-Pierre	73	Lohmann, Gerrit	1
Chen, Jian	41	Molnar, Samantha	63
Dang, Tommy	35	Neut, Ian van der	9
Dima, Mihai	1	Nguyen, Vinh The	35
Feige, Kathrin	19	Petersen, Mark	27
Feng, Zhiquan	41	Posada, Rafael	19
Gruchalla, Kenny	63	Schreck, Tobias	55
Hamann, Bernd	27	Seebacher, Daniel	55
Häußler, Johannes	55	Stein, Manuel	55
Ionita, Monica	1	Vergne, Romain	73
Janetzko, Halldor	55	Wambecke, Jérémy	73
Jänicke, Stefan	47	Wendelberger, Joanne	27
Jin, Fang	35		

Keynote

Tales from the Orbit: In Search of the Visual Truth

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Abstract

Data are becoming increasingly complex and voluminous, a trend that will continue to grow as scientific research evolves. For unless we are up to the challenge to turn data into meaningful content that permeates knowledge we have not completed our quest for discovery. NASA's Science Storytelling Team has been exploring the landscapes of science communication, education and outreach through visualization. In our efforts to explain to the public how complex phenomena work, we need to present the relationships between collected and observed data and translate concepts to simple relatable messages that are visually compelling and with scientific integrity. In this talk, I will share the collective efforts of our team and recount some of the personal discoveries experienced by scientific visualization practitioners during their course of work.