

Geoprocessing Community Publications

2015

Theses

Brauner, J. (2015). Formalizations for geoperators - geoprocessing in Spatial Data Infrastructures (PhD thesis). Technische Universität Dresden, Dresden, Germany. <http://nbn-resolving.de/urn:nbn:de:bsz:14-qucosa-182500>

OGC

Standards

Müller, M. & B. Proß (eds.) (2015): OGC WPS 2.0 Interface Standard. OGC Implementation Standard. <http://docs.openeospatial.org/is/14-065/14-065.html>.

Conferences and Workshops

Workshops

FOSSGIS 2015

Proß, B. (2015): Workshop „Der 52°North WPS“. FOSSGIS 2015, March 11 - 13, 2015, Muenster, Germany.

AGILE Conference 2015

Brauner, J. & B. Hofer (2015): Workshop "Geoprocessing on the Web - science-driven and community-driven". AGILE Conference 2015, June 9 - 12, 2015, Lisbon, Portugal.

Presentations

Esri European User Conference 2015

Proß, B. & C. Stasch (2015): Integrating external processing capabilities in ArcGIS - the ArcGIS WPS Client. Esri European User Conference 2015, October 14 - 16, 2015, Salzburg, Austria.

Esri Developer Summit Europe 2015

Proß, B. (2015): Introduction to the ArcGIS WPS Client. Esri Developer Summit Europe, November 10 - 12, 2015, Berlin, Germany.

AGILE Conference 2015

Henzen, C. & J. Brauner (2015): Geoprocessing Appstore. AGILE Conference 2015, June 9 - 12, 2015, Lisbon, Portugal.

2014

OGC

Engineering reports

Open Geospatial Consortium, Public Engineering Report: [Testbed 10 Performance of OGC® Services in the Cloud: The WMS, WMTS, and WPS cases](#). OGC 14-028r1. (2014). *Editors:* Keighan, E., Pross, B., Caumont, H.

Open Geospatial Consortium, Public Engineering Report: [OGC® Testbed-10 CCI VGI Engineering Report](#). OGC 14-016. (2014). *Editors:* Bröring, A., Jirka, S., Rieke, M., Pross, B.

Open Geospatial Consortium, Public Engineering Report: [OGC® Testbed 10 Provenance Engineering Report](#). OGC 14-001. (2014). *Editors:* Masó, J., Closa, G., Gil, Y. Pross, B.

Presentations

B. Pross (2014): "OWS-10 CCI VGI Engineering Report" @ Workflow Domain Working Group, TC/PC meeting in Geneva: a talk about gathering heterogeneous VGI data and making it available and processing it in a standardized way.

Conferences and Workshops

Workshops

AGILE 2014

[Geoprocessing on the Web](#), June 3, Castellon, Spain

- Pross, B. (2014): The 52°North WPS. Features, developments and applications.
- Müller, M. (2014): A first glance at the proposed WPS 2.0 standard.
- Nüst, D. & B. Proß (2014): 5-Star Open Geoprocessing.

COST Action Workshop

[Web Processing Service \(WPS\) technologies for Integrated Assessment Modelling in Urban Areas](#), January 22 - 24, Luxemburg

- Pross, B. & M. Müller (2014): The WPS standard and protocol, version 2.0 - what lies ahead
- Pross, B. & M. Müller (2014): Integrated web based modelling: use case with 52°North WPS
- Pross, B. & M. Müller (2014): The future of WPS for integrated modelling

Presentations

B. Pross (2014): Neues aus dem 52°North WPS Projekt (in German). FOSSGIS 2014, March 19 - 21, Berlin, Germany

B.Pross (2014): The WPS 2.0 Standard. FOSS4G-Europe, July 15 - 17, Bremen, Germany

2013

Journals

Müller, M., L. Bernard & D. Kadner (2103): Moving code - Sharing geoprocessing logic on the Web. In: ISPRS Journal of Photogrammetry and Remote Sensing, 2013, doi: 10.1016/j.isprsjprs.2013.02.011

Härtwig, M., Müller, M. & L. Bernard (2103): A Generic Web Service for Ad-hoc Statistical Spatio-Temporal Aggregation. In: Transactions in GIS, 2013, doi: 10.1111/tgis.12062

OGC

Engineering reports

Open Geospatial Consortium, Public Engineering Report: [OWS-9 Cross Community Interoperability \(CCI\) Conflation with Provenance Engineering Report](#). OGC 12-159. (2013). *Editors:* Rieke, M., Pross, B. *Authors:* Rieke, M., Pross, B., Yu, G., Sorenson, M.

Open Geospatial Consortium, Public Engineering Report: [OWS-9 Aviation Architecture Engineering Report](#). OGC 12-147. (2013). *Editor:* Speed, C. *Authors:* Balog, D., Brackin, R., Burggraf, D., Dacla, T., Dam, H., Echterhoff, J., Hardwick, D., Houtmeyers, R., Rieke, M., Speed, C., Thomas, T., Wilson, D., Wilson, S.

Presentations

M. Rieke (2013): "OWS-9 CCI Conflation with Provenance" @ Workflow Domain Working Group, TC/PC meeting in Redlands: a talk about dataset conflation carried out by the WPS reflecting the contents of the OWS-9 CCI Conflation with the Provenance Engineering Report.

M. Rieke (2013): "OWS-9 Geometry Processing for Aviation" @ Aviation Domain Working Group, TC/PC meeting in Redlands - this presentation is part of the overall Aviation Architecture presentation. It covers the integration of the WPS into the service environment of the OWS-9 Aviation thread.

M. Müller (2013): "Meaningful Process Profiles for WPS" @ WPS 2.0 Standard Working Group, OGC TC/PC meeting in Frascati

M. Müller (2013): "Profiles for WPS Processes - Towards interoperability for geoprocessing functions" @ Workflow Domain Working Group, OGC TC/PC meeting in Mumbai

Conferences and Workshops

Geoinformatik 2013

Härtwig, M., M. Müller & C. Henzen (2013): [A web-based interactive climate classification application](#). Geoinformatik 2013. March 13 - 15, 2013, Heidelberg, Germany.

ISCRAM 2013

Nüst, D. (2013): Sensor Web and Web Processing Standards for Crisis Management. 10th [International Conference on Information Systems for Crisis Response and Management](#). May 12 - 15, 2013, Baden Baden, Germany.

AGILE 2013

Härtwig, M. & M. Müller (2013): [SDI components for ad-hoc analysis of climatological time-series data](#). AGILE 2013. May 15-17, 2013, Leuven, Belgium.

Hinz, M., D. Nüst, B. Proß & E. Pebesma (2013): [Spatial Statistics on the Geospatial Web](#). Short paper, AGILE 2013. May 15-17, 2013, Leuven, Belgium.

Müller, M. (2013): [Hierarchical process profiles for interoperable geoprocessing functions](#). AGILE 2013. May 15-17, 2013, Leuven, Belgium.

EDC Developer Forum "Geoprocessing im Web"

[Esri Development Center \(EDC\) Developer Forum](#) "Geoprocessing im Web" July 18 - 19, 2013, Dresden, Germany.

2012

Dissertation

Schäffer, B. (2012): Dynamic Rights Management in Cross-Domain Geoprocessing Workflows. Dissertation in Geographic Information Science (GISDISS 005). ISBN: 978-3-89838-660-9.

Conferences/Workshops

FOSSGIS 2012

Schäffer, B., Müller, M. & D. Kadner (2012): "WPS-Appstore - Markplatz für freie Algorithmen". FOSSGIS 2012, March 22, 2012, Dessau, Germany.

AGILE 2012

Workshop

Schmid, S., Brauner, J., Schäffer, B. & S. Mäs: "[Testing Geospatial Web Services - Scientific SDIs](#)". April, 24, 2012, Avignon, France.

Presentations

Foerster, T., Baranski, B. & H. Borsutzsky (2012): "Live Geoinformation with standardized Geoprocessing Services". April 24 - 27, 2012, Avignon, France.

Müller, M., Kadner, D. & L. Bernard (2012): "Moving Code, Sharing Geospatial Computation Logic on the Web". April 24 - 27, 2012, Avignon, France.

FOSS4G CEE 2012

Schäffer, B. (2012): "[Bringing the Process to the Data - Introducing the WPS AppStore for Geoprocessing Functionality](#)". May 21 - 23, 2012, Prague, The Czech Republic.

Schäffer, B. (2012): "[Towards Streaming in Web Processing Service](#)". May 21 - 23, 2012, Prague, The Czech Republic.

INSPIRE 2012

Schäffer, B. (2012): "INSPIRE AppStore for Geoprocessing Functionality". INSPIRE Conference 2012. July 23 - 27, 2012, Istanbul, Turkey.

2011

Journal Articles

Baranski, B., Foerster, T., Schäffer, B., & K. Lange (2011): "Matching INSPIRE Quality of Service Requirements with Hybrid Clouds". Transactions in GIS, 15 (s1), 125-142.
doi:10.1111/j.1467-9671.2011.01265.x

Foerster, T., Schäffer, B., Baranski, B., & J. Brauner (2011): "Geospatial Web Services for Distributed Processing - Applications and Scenarios". In P. Zhao & L. Di (Eds.): Geospatial Web Services - Advances in Information Interoperability (pp. 245-286). Hershey, PA: IGI Global.

Maso, J., Pons, X., Schäffer, B., Foerster, T., & R. Lucchi (2011): "Haiti Earthquake: Harmonizing post-event distributed data processing. IEEE Earthzine". Retrieved from <http://www.earthzine.org/2011/03/18/haiti-earthquake-harmonizing-post-event-distributed-data-processing/>

Peters, Eva (2011): "OpenStreetMap-Daten für Netzwerkanalysen in ArcGIS", In: arcAktuell 2/2011, S. 46, Esri Deutschland GmbH, Kranzberg.

Conferences/Papers

EGU 2011

Papers

Gerharz, L.E.; Proß, B.; Stasch, C. & E. J. Pebesma (2011): "A Web-based Uncertainty-enabled Information System for Urban Air Quality Assessment". European Geosciences Union (EGU) General Assembly 2011. April 3-8, 2011. Vienna, Austria.

Schäffer, B. (2011): "Web-Based Geoprocessing: Future Direction". European Geosciences Union General Assembly 2011. April 3 - 8, 2011. Vienna, Austria.

AGILE 2011

Papers

Foerster, T., Bruehl, A., & Schäffer, B. (2011). "RESTful Web Processing Service". In S. Geertman, W. Reinhardt, & F. Toppen (Eds.), Advancing Geoinformation Science for a Changing World (p. 8). Presented at the 14th AGILE International Conference on Geographic Information Science. April 18 - 21, 2011. Utrecht, Netherlands.

ESRI UC

Paper

Baranski, B. & B. Schäffer (2011). "Hybrid Clouds and Quality of Service Requirements". ESRI UC 2011. June 11 - 17, 2011. San Diego, USA.

Geoinformatik 2011

Papers

Remke, A. (2011): "GIS & Cloud Computing". Geoinformatik 2011 - Geochange. June 15 - 17, 2011. Muenster, Germany.

Foerster, T. & Schaeffer, B. (2011). "RM-ODP for WPS Process Descriptions". In A. Schwering, E. Pebesma, & Behncke (Eds.), Geochange (pp. 199-204). Presented at the Geoinformatik 2011, Muenster, Germany: AKA Verlag.

INSPIRE 2011

Papers

Baranski, B. (2011). "INSPIRE and Service Level Management". INSPIRE Conference 2011. June 27 - July 1, 2011. Edinburgh, Scotland.

Schäffer, B. & B. Pross (2011). "INSPIRE Coordinate Transformation Service-Performance Considerations". INSPIRE Conference 2011. June 27 - July 1, 2011. Edinburgh, Scotland.

FOSS4G 2011

Presentations

Peters, E. (2011): "OpenStreetMap for Network Analyses in ArcGIS". FOSS4G 2011. September 12 - 16, 2011. Boulder Colorado, USA.

Schäffer, B. (2011): "User Friendly Open Source WPS". FOSS4G 2011. September 12 - 16, 2011. Boulder Colorado, USA.

Schäffer, B. (2011): "Web-Based Geoprocessing - Quo Vadis". FOSS4G 2011. September 12 - 16, 2011. Boulder Colorado, USA.

Tutorials

Schäffer, B. (2011): "User Friendly Web Processing Services (WPS) - No programming needed". FOSS4G 2011. September 12 - 16, 2011. Boulder Colorado, USA.

INTERGEO 2011

Presentation

Schäffer, B. (2011): "INSPIRE Quality of Service - Anforderungen meistern mit Hilfe der 'Cloud'". INTERGEOForum - Emerging Technologies. INTERGEO 2011. September 28, 2011. Nuremberg, Germany

2010

Book Chapters

Schäffer, B. & R. Gartmann (2010): Security for Geospatial Web Services. IGI-Global. (Forthcoming)

Foerster, T., Schäffer, B., Baranski, B., & J. Brauner (2010): Geospatial Web Services for Distributed Processing- Applications and Scenarios. IGI-Global. (Forthcoming)

Baranski, B. & Schäffer, B. (2010): Towards Service Level Agreements in Spatial Data Infrastructures. In A. Rajabifard, J. Cromptoets, M. Kalantari, and B. Kok. (Eds.). Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment (pp. 149-162). Presented at GSDI 12 World Conference. Singapore. Leuven University Press.

Schäffer, B., Baranski, B., & T. Foerster (2010): Towards Spatial Data Infrastructures in the Clouds. In M. Painho, M. Santos, & H. Pundt (Eds.), Geospatial Thinking, Lecture Notes in Geoinformation and Cartography (pp. 399-418). Held at The 13th AGILE International Conference on Geographic Information Science, Guimarães, Portugal: Springer Verlag.

Journal Articles

Foerster, T., Schäffer, B., & B. Baranski (2010): "Geoprocessing in Spatial Data Infrastructures". V1 Magazine.

Müller, M., Bernard, L. & J. Brauner (2010): "Moving Code in Spatial Data Infrastructures : Web Service Based Deployment of Geoprocessing Algorithms". In: *Transactions in GIS* 14 (2010), Nr. S1, p. 101-118.

Wiemann, S. (2010): "Konzeption einer Fusion von Geodaten unterschiedlicher Quellen in Geodateninfrastrukturen". In: *GIS.Science 4 (2010)*, p. 166 - 177.

Articles in Conference Proceedings

Wiemann, S. & L. Bernard (2010): "Conflation Services within Spatial Data Infrastructures". In: PROCEEDINGS OF AGILE 2010 - The 13th AGILE International Conference on Geographic Information Science - Geospatial Thinking (2010)

Baranski, B., Deelmann, T. & B. Schäffer (2010): "Pay-per-Use Revenue Models for Geoprocessing Services in the Cloud". 1st International Workshop on Pervasive Web Mapping, Geoprocessing and Services (WebMGS 2010). Como, Italy

Foerster, T., Baranski, B., Schäffer, B., & K. Lange (2010): "Geoprocessing in Hybrid Clouds". In A. Zipf, K. Behncke, F. Hillen, & J. Schaefermeyer (Eds.), Die Welt im Netz (pp. 13-19). Presented at Geoinformatik 2010, Kiel, Germany: Akademische Verlagsgesellschaft.

Schäffer, B., Baranski, B., & T. Foerster (2010): "Licensing OGC Geoprocessing Services as a Foundation for Commercial Use in SDIs". In Proceedings of the Second International Conference on Advanced Geographic Information Systems, Applications and Services (pp.

111-116). Held at the Geoprocessing 2010, St. Maarten, Netherlands Antilles: IEEE.
doi:10.1109/GEOProcessing.2010.24

OGC Documents

Foerster, T. & B. Schäffer (2010): OWS-7 Feature Statistical Analysis Engineering Report. OGC.

Abstracts and Presentations (selection)

Schäffer, B. (2010): "Cloud Computing for FOSSGIS", Intergeo 2010

Schäffer, B., Foerster, T., & B. Baranski (2010): "Hybrid Cloud Computing for FOSS4G". Presented at the FOSS4G, Barcelona, Spain.

Schäffer, B., Mueller, M., & T. Foerster(2010): "52°North WPS framework with ArcGIS geoprocessing support - open source solution meets closed source software". Presented at the FOSS4G, Barcelona, Spain.

Foerster, T., Schäffer, B., & B. Baranski (2010): "Compliance Testing of Open Source Software for Web Processing Services". Presented at the FOSS4G, Barcelona, Spain

Schäffer, B. (2010): "Cloud Computing for GDI Web Services". INTERGEO 2010

Schäffer, B. (2010): "Geoprocessing in the Clouds". Seminar GIS und Internet

Schäffer, B. (2010): "Web-based Geoprocessing. Standards, Tools and Future Directions". National GIS Conference. Seoul.

Baranski, B. (2010): "52North WPS. Past, Present, Future". WPS Summit, Trento

Baranski, B. (2010): "Geoprocessing in the Clouds". ESRI Anwenderkonferenz 2010.

Foerster, T., Schäffer, B., & B. Baranski (2010): "Web-based Geoprocessing with Open Source Software - a 52°North perspective". Presented at the Second Open Source GIS UK Conference - OSGIS 2010, Nottingham, UK

2009

Papers and Abstracts

Schäffer, B. (2009) edited by Liping Di and Peisheng Zao, GMU, Washington: Delegation in Geoprocessing Workflows. Proceedings of the Geoinformatics 2009 Conference, August 12 - 14, 2009. Washington DC, USA.

Schäffer, B., Baranski, B. & R. Redweik (2009): "52°North WPS in the Clouds". Proceedings of the Free and Open source for GIS conference, October 20 - 23, 2009. Sydney, Australia.

Schäffer, B. (2009): "Behind the buzz of cloud computing - 52°North Open Source Geoprocessing Software in the Google Cloud". Abstract-Presented at FOSS4G 2009, October 20 - 23, 2009. Sydney, Australia.

Schäffer, B. (2009): "52°North Open Source WPS and SEXTANTE". Abstract-Presented at FOSS4G 2009, October 20 - 23, 2009. Sydney, Australia.

Schäffer, B. (2009): "Web based Geoprocessing Workflows". Encyclopedia of Geography. In: (Eds) Bary Warf. Sage. (forthcoming).

Foerster, T., Schäffer, B., Baranski, B. & S. Jirka (2009): "Integrating OGC web processing services into geospatial mass - market applications". In: GEOWS '09: Proceedings of the International conference on advanced geographic information systems & web services. ISBN: 978-0-7695-3527-2 pp. 98 - 103. IEEE 2009, 1-7 Feb. 2009. Cancun, Mexico

Brauner, J., Foerster, T., Schäffer, B., Baranski, B. edited by Jan Haurert, B. Kieler, and J. Milde; IKG, Leibniz University of Hanover (2009): "Towards a Research Agenda for Geoprocessing services". In: AGILE 2009: Proceedings of the 12th Agile international conference: Advances in GIScience. AIGLE, June 2 - 5, 2009. Hannover, Germany.

Baranski, B., Schäffer, B., & R. Redweik (2009): "Geoprocessing in the Clouds". In: Geoinformatics, van Rees, E. (ed), Vol 12. (forthcoming).

Baranski, B. (2009): "Guaranteeing Quality of Service (QoS) in a Spatial Data Infrastructure (SDI) by using Service Level Agreements (SLA) ". GSDI 11 World Conference, 15 - 19 June 2009. Rotterdam, The Netherlands.

Lan-Kun Chung, Yao-Min Fang, Yin-Huei Chang, Tien-Yin Chou, Bing Jean Lee & Bastian Baranski (2009): "A SOA based debris flow monitoring system - Architecture and proof-of-concept implementation". The first symposium on Enterprise Architecture and Information Technology SAIT, July 4, 2009. Taipai, Taiwan.

Schäffer, B., Baranski, B., Foerster, T. & J. Brauner (2009): "A Service-Oriented Framework for Real-time and Distributed Geoprocessing". The international OpenSource Geospatial Research Symposium (OGRS), 8 - 10 Feb 2009. Nantes, France.

Foerster, T., Schäffer, B., Jirka, S. & J. Brauner (2009): "Integrating Web-based Sensor Information into Geospatial Mass-market Applications through OGC Web Processing Services". In: International Journal on Advances in Intelligent Systems, Vol 2, No. 2&3, Dec 2009.

Müller, M., Vogel, R. & L. Bernhard (2009): "Multi Criteria Evaluation for Emergency Management in Spatial Data Infrastructures". C4C Symposium, Jan 19 - 22, 2009. Prague, Czech Republic.

Müller, M., Bernhard, L. & R. Vogel (2009): "Multi-Criteria Evaluation for Emergency Management in Spatial Data Infrastructures", In: Zlatanova, Sisi, Konecny, Milan, Bandrova, Temenujka (Hrsg.), Cartography and Geoinformatics for Disaster Management: Developments and Trends, Springer: In press

Theses

Müller, M.: Interoperable Geoinformationsdienste für die multikriterielle Entscheidungsunterstützung im Katastrophen- und Risikomanagement, March 2009, TU Dresden, Germany.

Mietke, S.: Einsatz des Web Processing Service zur interoperablen Bereitstellung von Geoperationen für Rasterdaten in Geodateninfrastrukturen, July 2009, TU Dresden, Germany.

Wiemann, S.: Fusion von Geodaten unterschiedlicher Quellen in Geodateninfrastrukturen am Beispiel von ATKIS und OpenStreetMap, Dec 2009, TU Dresden, Germany.

2008

Papers and Abstracts

Baranski, B. (2008): Grid Computing Enabled Web Processing Service. In: Pebesma, E., Bishr, M. & T. Bartoschek (Eds.): GI-Days 2008 - Proceedings of the 6th Geographic Information Days. IfGIprints Nr. 32, Institut für Geoinformatik, Münster.

Brauner, J. & B. Schäffer (2008): Integration of GRASS functionality in web based SDI service chains. In: Proceedings of the FOSS4G 2008 - 29 September - 4 October 2008, Cape Town, South Africa.

Brauner, J. (2008): Anbindung von GIS-Funktionalitäten an eine Geodateninfrastruktur über eine Web Processing Service Schnittstelle. GIS - Zeitschrift für Geoinformatik 2008 (3): 18-25.

Brauner, J. (2008): Providing GRASS with a Web Processing Service Interface. In: Pebesma, E., Bishr, M. & T. Bartoschek (Eds.): GI-Days 2008 - Proceedings of the 6th Geographic Information Days. IfGIprints Nr. 32, Institut für Geoinformatik, Münster.

Schäffer, B. & T. Foerster (2008): A client for distributed geo-processing and workflow design. In: Journal of location based services, 2(2008)3, pp. 194-210.

Schäffer, B. & T. Foerster (2008): Web processing services in the context of the 52North geoprocessing community (abstract). Presented at FOSS4G, 2008 Free and open source software for geospatial conference, Open source geospatial: an option for developing nations, 29 September - 4 October 2008, Cape Town, South Africa.

Schäffer, B. & J. Brauner (2008): Integration von GRASS Funktionalitäten in web-basierten GDI Dienstketten. FOSSGIS 2008, Freiburg.

Schäffer, B. (2008): Towards a transactional Web Processing Service (WPS-T). In: Pebesma, E., Bishr, M. & T. Bartoschek (Eds.): GI-Days 2008 - Proceedings of the 6th Geographic Information Days. IfGIprints Nr. 32, Institut für Geoinformatik, Münster.

Schäffer, B. & B. Baranski (2008): Orchestrating GRID Computing Enabled Web Processing Services: abstract. Presented at the Geoinformatics, Potsdam.

Swan, J., Foerster, T., Lemmens, R.L.G. [et al.] (2008): Web services test bed: discovery and invocation of schematization services : a use case for OGC - EuroSDR - Agile persistent testbed for Europe. In: GEO:connexion : serving the geoinformation community in the British isles, the Middle East and Africa, 7 (2008)10, pp. 24-27.

OGC Documents

Schäffer, B. (2008): Transactional WPS Extension. OGC Discussion Paper OGC#08-123.

Presentations

Foerster, T., Schäffer, B. & J. Brauner (2008): Web Processing with the OGC Web Processing Specification. OGC Web Processing Service Workshop for the GI Days. June 16 - 18, 2008. Muenster, Germany.

Schäffer, B. (2008): Towards a WPS-Transactional (WPS-T). GI Days. June 16 - 18, 2008. Muenster, Germany.

Baranski, B. (2008): Grid Computing enabled Web Processing Service. GI Days. June 16 - 18, 2008. Muenster, Germany.

Schäffer B. & J. Brauner (2008): Integration von GRASS Funktionalitäten in web-basierten GDI-Dienstketten. FOSSGIS 2008. April 1 - 3, 2008. Freiburg, Germany.

Schäffer B. (2008) Introduction to the OGC Web Processing Service. 4th Interational gvSIG Conference. December 3 - 5, 2008, Valencia, Spain.

Schäffer B. & J. Brauner (2008): Integration of GRASS functionality in web based SDI service chains. FOSS4G 2008. September 29 - April 4, 2008. Cape Town, South Africa.

Baranski, B. (2008): 52°North WPS-G, A grid-enabled OGC Web Processing Service (WPS). Presentation at OGC-OGF Collaboration Workshop at The Open Grid Forum (OGF-22), 2008, Boston, USA.

Robinson, D. (2008): Web GIS - Web Enabling VDOT's Roadway Network System GIS Data. Virginia GIS Conference. [slides](#).

2007

Schäffer, B. & T. Foerster (2007): Bringing the Web Processing Service to a new stage - new 52°North WPS Features . Presented at FOSS4G 2007: free and open software for geoinformatics, Victoria, Canada, September 2007.

Schäffer, B. & R. Lemmens (2007): An integrated client for Web Processing Services - Upgrading uDig with Processing power. Presented at FOSS4G 2007: free and open software for geoinformatics, Victoria, Canada, September 2007.

Foerster, T. & B. Schäffer (2007): A client for distributed geo - processing on the web. In: Web and wireless geographical information systems : proceedings of web and wireless geographical information systems : 7th International Symposium, W2gis 2007, 28-29 November, Cardiff, United Kingdom / ed. by J.M. Ware and G.E. Taylor. Berlin : Springer, 2007. ISBN 978-3-540-76923-1. (Lecture Notes in Computer Science ; 4857) pp. 252-263.

Lemmens, R.L.G., Foerster, T., Hitchcock, A. & A. Wytzisk (2007): 52°North platform innoveert via open source GIS toepassingen. In: Vi matrix, 15 (2007)3, pp. 42-44.

2006

Foerster, T. & J. E. Stoter (2006): Establishing an OGC web processing service for generalization processes. Presented at the ICA workshop of the commission on map generalization and multiple representation, 25 June 2006, Portland, Oregon. 7 p.

Foerster, T. (2006). An open software framework for web service - based geo - processes. Presented at FOSS4G 2006: free and open software for geoinformatics, Lausanne, Switzerland, 14 September 2006. Contribution ID 153. 2 p.