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47 presentations

10 countries

1. **Viehrig, K.** Demantowsky, M. (2018). Beliefs angehender und praktizierender Geographie- bzw. RZG Lehrpersonen in der Schweiz: Ausgewählte Ergebnisse einer Studie im Rahmen des #TCDTE-Projekts. [Beliefs of pre- and in-service geography and social studies teachers in Switzerland: Selected results of a study within the #TCDTE project]. Poster gallery. HGD conference. Münster, Germany. #TCDTE
2. (2018). Mögliche Bezüge zwischen bestehenden Forschungsprojekten mit Lehrpersonen und den SDGs: zwei Beispiele [Possible links between existing research projects with teachers and the SDGs: two examples]. Poster presentation. VGD-CH 10 year anniversary conference, PH Zurich, 2018-06-08. #TCDTE #YCHANGE
3. Demantowsky, M., **Viehrig, K.** (2018). Eine fachvergleichende Langfriststudie zu Teacher Beliefs [A subject-comparative long term study of teacher beliefs]. Institutskonferenz, ISEK, PH FHNW, Windisch, Switzerland, 2018-04-23. #TCDTE
4. **Viehrig, K.** (2018). Der Digitale Wandel und die Geographiedidaktik. Forschungsstand und Forschungsperspektiven [Digital change and geography education. State of research and perspectives for research]. Presentation at the [#BKDGP18](#), Basel, Switzerland. 2018-04-16. #TCDTE #YCHANGE
5. Demantowsky, M., **Viehrig, K.** (2017). Noch auf Draht? Geschichts- und Geographielehrpersonen im Digitalen Wandel [Still on the ball? History and geography teachers in digital change]. World Café, FHNW Forschungstag, Windisch, Switzerland, 2017-11-22. #TCDTE
6. **Viehrig, K.**, *Sauerländer, D.* (2017). Klima und Geschichte – eine Chance für den Unterricht in Geschichte und Geografie [Climate and history – a chance for education in history and geography]. lecture series "[The hunger year 1817 and its consequence](#)" (Historical Society of the Canton Aargau), Windisch, Switzerland, 2017-11-22.
7. *Stoltman, J., Bourke, T., Chang, C.H., Viehrig, K., Solem, M.* (2017). Trends in International Geography Assessment Study Workshop: Refining components of exemplary assessment instruments. TIGAS Social Lab at the IGU-CGE conference, Lisbon, Portugal, 2017-10-27. #TIGAS
8. *Stoltman, J., Bourke, T., Chang, C.H., Yoon, O., Marada, M., Viehrig, K., Solem, M.* (2017). Trends in International Geography Assessment Study (TIGAS), Special Panel at the IGU-CGE conference, Lisbon, Portugal, 2017-10-27. #TIGAS
9. **Viehrig, K.**, Notter, N. (2017). YCHANGE: Analyzing Environmental Change with Digital Satellite Images. Workshop at the IGU-CGE conference, Lisbon, Portugal, 2017-10-27. #YCHANGE

10. **Viebrig, K.** (2016). International Perspectives on Geography and Earth Science Teacher Education - An Introduction. #IPGESTE 2016 Conference, Windisch, Switzerland, 2016-09-26.
11. **Viebrig, K.** (2016). Pre-service teachers' voices on the choice of spatial examples. #IPGESTE 2016 Conference, Windisch, Switzerland, 2016-09-27.
12. **Viebrig, K.**, Fuchsgruber, V., Riembauer, G., Wolf, N., Siegmund, A. (2016). Development and Evaluation of an Adaptive Online Learning Environment for the Application of Remote Sensing in Schools - Experiences and Preliminary Research Results of the Space4Geography Project. IGU-CGE Conference, Singapore, 2016-08-02.
13. **Viebrig, K.**, Siegmund, A. (2015): Assessing systemic thinking in kindergarten and primary school using the topic '(renewable) energy' - empirical results and issues for the future. IGU Regional Conference, Moscow, Russia, 2015-08-20.
14. **Viebrig, K.**, Fuchsgruber, V., Wolf, N., Riembauer, G., Siegmund, A. (2015): Understanding the Earth with Satellite Images - Development of an Adaptive Learning Platform for the Application of Remote Sensing in Schools. IGU Regional Conference, Moscow, Russia, 2015-08-19.
15. *Fuchsgruber, V.*, Wolf, N., **Viebrig, K.**, Siegmund, A. (2015): Space4Geography. Developing an online learning platform with Educational Design Research. A learning environment for the application of remote sensing in schools. NCGE Conference, Washington D.C., USA, 2015-08-05.
16. *Brockmüller, S.*, **Viebrig, K.**, Schuler, C., Mrazek, J., Volz, D., Siegmund, A. (2015): Enhancement of geographical system thinking through the use of models. ESERA, Helsinki, Finland, 2015-08-01.
17. **Viebrig, K.**, Siegmund, A. (2015): Basiskompetenzen im Umgang mit erneuerbarer Energie entwickeln – Ein interdisziplinärer Zugang zu Wind, Wasser und Sonne für Vorschulkinder [Developing basic competencies in dealing with renewable energy – an interdisciplinary approach to wind, water and sun for pre-school children]. HGD Symposium, Bochum, Germany, 2015-03-26 (Poster Gallery).
18. *Wolf, N.*, Fuchsgruber, V., **Viebrig, K.**, Naumann, S., Siegmund, A. (2015): Erdbeobachtung für Jugendliche – Entwicklung einer adaptiven, webbasierten Lernplattform für den Einsatz von Satellitenbildern im Geographieunterricht [Earth observation for adolescents – development of an adaptive, web-based learning platform for implementing satellite images in geography education]. DGPF Jahrestagung 2015, Köln, Germany, 2015-03-17.
19. *Wolf, N.*, Fuchsgruber, V., Naumann, S., **Viebrig, K.** & Siegmund, A. (2014): A web-based learning environment for the application of remote sensing in schools. 3. Common Workshop of the Working Groups "Remote Sensing" (DGfG) and "Analysis of Remote Sensing Data" (DGPF), Berlin, Germany, 2014-10-09 (Poster).
20. *Fuchsgruber, V.*, Wolf, N., **Viebrig, K.**, Naumann, S., Siegmund, A. (2014): Understanding the earth with satellite images – Development of a student-centered learning environment to support the application of remote sensing in schools. EARSeL Symposium, Warsaw, Poland, 2014-06-16

21. **Viehrig, K.**, Wolf, N., Fuchsgruber, V., Siegmund, A. (2014): Assessment to Enable Technology-assisted Individual Learning Paths in Remote Sensing. NCGE Conference, Memphis, USA, 2014-08-01.
22. **Viehrig, K.**, Siegmund, A. (2014): Water, Wind, Sun: System Competency of Kindergarten Students. NCGE Conference, Memphis, USA, 2014-08-01.
23. *Fuchsgruber, V.*, Wolf, N., **Viehrig, K.**, Naumann, S., Siegmund, A. (2014): Understanding the earth with satellite images – Development of a student-centered learning environment to support the application of remote sensing in schools. EARSeL Symposium, Warsaw, Poland, 2014-06-16.
24. *Siegmund, A.*, **Viehrig, K.**, Funke, J., Wüstenberg, S., Greiff, S. (2014): Geographische Kompetenzen messen – Entwicklung und empirische Prüfung eines Kompetenzmodells der geographischen Systemkompetenz [Measuring geographic competencies – development and empirical testing of a competence model for geographic system competence], Bochum, Germany, 2014-01-30.
25. **Viehrig, K.**, Siegmund, A. (2013): Differenzierung im Spiegel geographiedidaktischer Forschung und Praxis [Differentiation reflected in geography education research and practice]. HGD Symposium, Dresden, Germany, 2013-05-30.
26. **Viehrig, K.**, Wüstenberg, S., Greiff, S., Funke, J., Siegmund, A. (2011): An Inventory of Geographic System Competency. NCGE Conference, Portland, USA, 2011-08-05.
27. **Viehrig, K.**, Siegmund, A. (2011): Using simple GIS-based applications or maps?. NCGE Conference, Portland, USA, 2011-08-04.
28. **Viehrig, K.**, Siegmund, A., Wüstenberg, S., Greiff, S., Funke, J. (2011): Systemisches und räumliches Denken in der geographischen Bildung – Erste Ergebnisse zur Überprüfung eines Modells der Geographischen Systemkompetenz [Systemic and spatial thinking in geography education – first results of testing a model of geographic system competence]. HGD Symposium, Ludwigsburg, Germany, 2011-04-08. (Poster).
29. **Viehrig, K.**, Greiff, S. Siegmund, A., Funke, J. (2010): Geographische Kompetenzen fördern - Erfassung der Geographischen Systemkompetenz als Grundlage zur Bewertung der Kompetenzentwicklung [Fostering geographic competencies – measuring geographic system competence as foundation for evaluating competence development]. Joint Symposium of the GEI and the HGD, Braunschweig, Germany, 2010-03-18.
30. **Viehrig, K.**, Siegmund, A. (2010): Effects of GIS use on student achievement of geographic system competency – Preliminary results of a study in Germany. IGU regional conference, Tel Aviv, Israel, 2010-07-14.
31. **Viehrig, K.**, (2009): Geoinformatik [Geoinformatics]. MINToring Lecture Series, Karlsruhe, Germany, 2009-12-01.
32. **Viehrig, K.**, Siegmund, A. (2009): Geographische Systemkompetenz und GIS-Einsatz - Arbeitsbericht einer Studie mit Schülern der Sekundarstufe [Geographic system competence and GIS use – work report of a study with secondary students]. NTG Colloquium, University of Education Heidelberg, Germany, 2009-11-02.
33. *Siegmund, A.*, **Viehrig, K.**, Funke, J., Greiff, S. (2009): Theory-guided survey of competency levels within the framework of probabilistic measurement models - a

contribution to building a Heidelberg Inventory of Geographic System Competency (HEIGIS). Annual meeting of the DFG-priority program 'Competence models for the assessment of individual learning outcomes and the evaluation of educational processes', Göttingen, Germany, 2009-10-02.

34. **Viebrig, K.**, Siegmund, A. (2009): Theoriegeleitete Erhebung Geographischer Systemkompetenz im Rahmen probabilistischer Messmodelle [Theory-guided survey of geographic system competence within the framework of probabilistic measurement models]. NTG Colloquium, University of Education Heidelberg, Germany, 2009-04-27.
35. **Viebrig, K.**, *Volz, D.* (2008): Der Blick über den Tellerrand - Kompetenzforschung anderer Fachdidaktiken zu Erkenntnisgewinnung/Methoden [Thinking outside of the box – competence research in other subject education regarding gaining knowledge/methods]. Meeting of a subgroup of the HGD working group competency research in geography didactics, University of Education Heidelberg, Germany, 2008-09-24.
36. **Viebrig, K.**, Siegmund, A., Volz, D. (2008): Effects of GIS-use on the development of core competencies. ESRI International Education User Conference, San Diego, USA, 2008-08-03.
37. **Viebrig, K.**, Siegmund, A. (2008): Empirische Studie zur geographischen Systemkompetenz Jugendlicher [Empirical study of adolescents' geographic system competence]. AEPF – Junior Scientist Colloquium, Kiel, Germany, 2008-08-27.
38. **Viebrig, K.**, Siegmund, A. (2008): Ansätze zur Förderung der geographischen Systemkompetenz (GSK) [Approaches to fostering geographic system competence (GSK)]. AEPF Conference, Kiel, Germany, 2008-08-25.
39. **Viebrig, K.**, Siegmund, A. (2008): Lohnt sich der Einsatz neuer Medien im Geographieunterricht? Eine Studie zur Kompetenzentwicklung am Beispiel GIS. [Is using new media in geography education worth it? A study of competence development using the example GIS] Geographic Colloquium, University of Education Heidelberg, Germany, 2008-06-19.
40. **Viebrig, K.**, Siegmund, A. (2008): Empirische Studie zum Einfluss des GIS-Einsatzes auf die geographische Systemkompetenz von Jugendlichen. [Empirical study of the impact of GIS-use on adolescents' geographic system competence] NTG-Colloquium, University of Education, Heidelberg, Germany, 2008-04-21.
41. *Volz, D.*, **Viebrig, K.**, Siegmund, A. (2008): GIS as a means for competence development: questions for an integrated GIS didactics. AGIT conference, Salzburg, Austria, 2008-07-03.
42. **Viebrig, K.**, Volz, D., Siegmund, A. (2008): A question of objective: Implementing GIS-use in secondary schools. 5th International Conference on Geographic Information Systems, Istanbul, Turkey, 2008-07-05.
43. **Viebrig, K.**, Siegmund, A. (2007): Ansätze zur Messung der Raumverhaltenskompetenz im Geographieunterricht. [Approaches to measuring spatial behavior competence in geography education] 8th Day of Junior Scientists, Freiburg, Germany, 2007-11-23 (Poster).

44. Siegmund, A., *Viebrig, K.*, Volz, D. (2007): GIS@school – new didactical aspects of using GIS in geography education. ESRI European User Conference, Stockholm, Sweden, 2007-09-27.
45. Siegmund, A., Volz, D., *Viebrig, K.* (2007): GIS in the classroom – challenges and chances for geography teachers in Germany. HERODOT working conference, Stockholm, Sweden, 2007-09-25.
46. *Viebrig, K.*, Volz, D., Siegmund, A. (2007): GIS als Werkzeug im Geographieunterricht – Fragen an eine integrierte GIS-Didaktik [GIS as tool in geography education – questions to an integrated GIS-didactics]. Conference of German Geographers, Bayreuth, Germany, 2007-09-30 (Poster)
47. *Viebrig, K.* (2007): GIS and system competence. Indian Institute of Technology Kanpur, India, 2007-12-24.

**person(s) delivering the presentations are in *italics***