



GEOGRAPHIC INFORMATION: NEED TO KNOW

GI-N2K Workshop and plugfest

Back-to-back @AGILE-2016

Tuesday 14 June 2016

The GI-N2K project aims to align the education and vocational training system in the domain of Geographic Information Science & Technology (GI S&T) with the actual requirements in the job market. GI-N2K builds upon the existing Body of Knowledge (BoK) for GI S&T that was developed by the American University Consortium for Geographic Information Science (UCGIS, 2006).

A consortium of 31 partners from 25 countries has updated the GI S&T BoK, brought it in line with recent technological developments and added the European perspective in this field (e.g. importance of INSPIRE). The renewed GI S&T BoK applies an ontological approach and takes the form of a dynamic e-platform including tools to use and explore the BoK (e.g. curricula design).

Now the time has come to extensively explore and test the new GI S&T BoK and its tools. This will be done during 8 workshops/plugfests organised in 7 countries based a series of real-world use cases. Also at the AGILE conference a full day workshop will take place, Tuesday 14 June 2016, in Helsinki.

Agenda

Morning		
09:30-09:45	Introduction to the workshop: objectives and agenda	Estefanía Aguilar Moreno (UJI) and Juha Oksanen (NLS-FI)
09:45-10:15	The GI-N2K project and the BoK for GI S&T	Danny Vandenbroucke (KU Leuven)
10:15-10:45	Experiences and ongoing work for a BoK for GI S&T in the US	Libby Wentz (UCGIS)
10:45-11:15	Coffee Break	
11:15-11:45	Towards an ontology for the geospatial domain	Rob Lemmens

		(UTwente)
13:30-14:00	Demonstration of the GI-N2K VirLaBoK	Imran Hossain (UniBW) (Remotely)
12:15-12:30	Introduction to the 'hands-on'	Glenn Vancauwenberghe (KU Leuven)
12:30-13:30	Lunch break (on your own)	
Afternoon		
13:45-14:15	Explaining the case: the design of a curriculum for SDI/INSPIRE supporting 3 job profiles	Danny Vandenbroucke (KU Leuven)
14:15-15:00	Exploring the BoK and tools Tutors: Danny Vandenbroucke, Glenn Vancauwenberghe and Estefania Aguilar Moreno	Participants
15:00-15:30	Coffee break	
15:30-16:45	Defining the curricula Tutors: Danny Vandenbroucke, Glenn Vancauwenberghe and Estefania Aguilar Moreno	Participants
16:45-17:00	Evaluation of the BoK and tools by the participants	Participants
17:00	Closing	Danny Vandenbroucke (KU Leuven)

The workshop is free

Registration for the workshop is done by sending an e-mail to danny.vandenbroucke@kuleuven.be with glenn.vancauwneberghe@kuleuven.be in cc.

Note:

It is expected that each participant is having his/her own laptop. Connection to the Internet is a must.

Participants will receive beforehand credentials to access the platform

Scenario's for the plugfest

The 'Real World' case is the definition of a curriculum for vocational training on SDI and INSPIRE which will be organised in Belgium in Autumn 2016 or Spring 2017 with 3 expert (job) profiles in mind: SDI/INSPIRE Manager, SDI/INSPIRE data expert, SDI/INSPIRE technical (services) expert.

1. Step 1 – We submit to the participants a list of key concepts that need to be covered in the different profiles (we might split up the group in three smaller groups representing a profile)
2. Step 2 – Participants try to find the different concepts: are they in the BoK, if so where? Are some concepts missing? Which ones?
3. Step 3 – Add on the Geowiki missing concepts, define some relationships if they are missing
4. Step 4 – How would a typical training for the 3 profiles look like? What concepts should be covered in each training? What is the order of things (pre-requisites). First exercise is to draw that on a piece of paper and discuss/agree
5. Step 5 – Try to define the curriculum using the design tool to establish a series of modules/courses and the lectures; discuss the results
6. Step 6 – What could be improved in the platform/tools for this typical 'Real World' scenario?
Report