



## WEEK 1: Interoperability 360

**Programme** (subject to changes). Facilitators: Max Craglia (MC), Harlan Onsrud (HO), Stefano Nativi (SN), Werner Kuhn (WK), Michael Gould (MG)

### Monday 4 June

08.30-09.00 Goals and objectives of the summer institute: thinking vs. tinkering  
09.00-10.00 Self-introduction of participants  
10.00-10.30 Coffee break  
10.30-11.30 The complex landscape of environmental data infrastructures: from SDIs to Digital Earth (MC)  
11.30-12.30 State of the art in Earth Science Interoperability (SN)  
12.30-13.30 Lunch  
13.30-14.30  
14.30-15.30 Setting up project work: Research proposals for SDI v.2  
15.30-16.00 Coffee Break  
16.00-17.00 Legal Interoperability in a global context (HO)

### Tuesday 5 June

09.00-10.00 State of the art in Semantic Interoperability (WK)  
10.00-10.30 Presentations by participants (10 min each including questions)  
10.30-11.00 Coffee break  
11.00-12.00 Presentations from participants (10 min each including questions)  
12.00-12.30 Research methods: writing abstracts (WK)  
12.30-14.00 Lunch  
14.00-15.00 Why interoperability through standards does not always work (MC)  
15.00-16.30 Group work and coffee  
16.30-17.30 Privacy in the Internet Era: too late? (HO)

### Wednesday 6 June

08.30-09.30 Finish abstract writing  
09.30-10.30 Beyond semantics: multidisciplinary interoperability (SN)  
10.30-11.00 Coffee break  
11.00-12.00 100-word abstract dissection (all)  
12.00-12.30 Presentations from participants (10 min)  
12.30-14.00 Lunch  
14.00-15.00 Open Web vs. Walled Gardens (MG)  
15.00-17.30 Group work (and private research meetings) with coffee

### Thursday 7 June

09.00-10.00 Research methods: the peer review process (HO/WK)  
10.00-10.30 Presentations from participants (10 min)  
10.30-12.00 Group work and coffee  
12.00-12.30 Discussion on progress, Q&A  
12.30-14.00 Lunch  
14.00-17.30 Group Work (and private research meetings)

### Friday 8 June

09.00-10.30 Research discussion: combining multiple architectures for SDIs (from services through resources, to events and people) (SN, HO, WK, MG)  
10.30-11.00 Coffee break  
11.00-12.30 Group work: finish proposals and prepare presentation  
12.30-14.00 Lunch  
14.00-16.00 Group work: presentations and awards.