

## SCHEDULE

### ERE5.5/BG2.9: Sustainable mining and circular economy: waste characterization and exploitation supported by geophysical methods

**Convineer:** Giovanna Antonella Dino; **Co-conveners:** Arnaud Watlet, Alessandro Cavallo, Adrian Flores Orozco, Rory Doherty, Itzel Isunza Manrique, Sabina Kramar, Ellen Van De Vijver

**Chat time:** 14.00-15.45

The schedule as of now is given below:

#### 14.00. Welcome and introduction to the session (Arnaud Watlet/Giovanna Antonella Dino)

	<b>ID</b>	<b>Partecipants</b>	<b>Title of the contribution</b>	<b>Chair</b>
<b>14.03</b>	D895	Vincent Gallagher/Mairead Glennon	Sustainably restoring quarry voids: Geochemically Appropriate Levels for soil recovery activities in Ireland	Giovanna Antonella Dino
<b>14.07</b>	D896	Andrea Baza Varas	Sedimentological and physical properties of the submarine mine tailings deposit of Portmán Bay, SE Spain	Giovanna Antonella Dino
<b>14.11</b>	D898	Matthias Steiner	Unsupervised delineation of landfill geometries based on geophysical imaging results	Arnaud Watlet
<b>14.15</b>	D899	Cornelia M. Inauen	Combining an integrated geophysical survey into a landfill model: A case study from Emersons Green, UK	Arnaud Watlet
<b>14.19</b>	D900	Konstantinos Kissas	Pressure effects on methane emissions from landfills	Arnaud Watlet
<b>14.23</b>	D901	Joana Ribiero	Self-burning coal mining residues – an environmental issue or a source of raw materials?	Giovanna Antonella Dino
<b>14.27</b>	D902	Giovanna Dino	Towards sustainable mining: exploiting raw materials from extractive waste facilities	Rory Doherty

<b>14.31</b>	D903	Franco Rodeghiero / Alessandro Cavallo	Kaolin and quartz from extractive waste: the example of the Monte Bracco area (Piedmont, northern Italy)	Giovanna Antonella Dino
<b>14.35</b>	D904	Neha Mehta	Reuse of extractive waste from an abandoned mine site: case study of Campello Monti, Italy	Giovanna Antonella Dino
<b>14.39</b>	D905	Rosie Blannin	Development of a sampling protocol for the resource definition of sulphidic Cu-Zn-Pb tailings in an industrial tailings storage facility	Giovanna Antonella Dino
<b>14.43</b>	D906	Tamara Kuzmanic	Overview of a quartz sand deposit and processing plant for the future process alteration	Giovanna Antonella Dino
<b>14.47</b>	D907	Linda Alderighi	Geomorphological mapping as a tool to characterize and manage quarry dump deposits: the case study of Carrara marble basins	Giovanna Antonella Dino
<b>14.51</b>	D908	Rossana Bellopede	Ornamental stone cutting processing and sludge production evaluation with the goal of ending waste.	Giovanna Antonella Dino
<b>14.55</b>	D909	Katarina Šter	Al-rich industrial residues for mineral binders in ESEE region	Giovanna Antonella Dino
<b>14.59</b>	D910	Lukas Aigner	Landfill investigation using geophysical methods for an improved characterization of the landfill geometry and for assessing microbiological activity	Arnaud Watlet
<b>15.03</b>	D911	Itzel Isunza Manrique	Assessment of magnetic data for landfill characterization by means of a probabilistic approach	Arnaud Watlet
<b>15.07</b>	D912	Arnaud Watlet	Integrated geophysical imaging of a solid waste landfill (Greater London, UK)	Arnaud Watlet

<b>15.11</b>	D913	Chengpeng Ling	Application of a Mise-à-la-Masse approach to detect the leak of water reservoirs	Arnaud Watlet
<b>15.15</b>	D914	David Caterina	Evaluating the resource recovery potential of fly ash deposits using electrical and electromagnetic methods	Arnaud Watlet
<b>15.19</b>	D915	Tom Debouny	Landfill characterization by multi-method geophysical investigation: the case study of Leppe (Germany)	Arnaud Watlet
<b>15.23</b>	D917	Max Verduyssen	The Optical Image Probe as a tool for high resolution site characterisation (HRSC) in landfills - a testcase	Arnaud Watlet
<b>15.27</b>	D918	João Narciso	Geostatistical inversion of electromagnetic induction data for landfill modelling	Arnaud Watlet

**15.30-1.45: Q/A time**