



**Food and Agriculture
Organization of the
United Nations**



**GLOBAL SOIL
PARTNERSHIP**

**Draft Agenda Workshop on Soil Carbon Mapping
23 November 2016, FAO HQ, Malaysia Room (B227) Rome, Italy**

Related to the development of the Global Soil Carbon Map ([GSOC17](#)), and in order to support the national activities, the GSP secretariat offers a special technical session, prior to the meeting of the International Soil Information Institutions (INSII), 24-25 November. During this SOC workshop, the specifications and methodologies will be discussed in detail, and options for implementation will be demonstrated. The discussion will help to prepare capacity building and training exercises, including the preparation of the SOC mapping cookbook.

| Wednesday 23rd November | | |
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| 09:00 - 10:00 | Welcome, Background on the Global Soil Organic Carbon map (GSOC17) | R. Vargas, GSP Secretariat, FAO |
| | Tour de table | All |
| 10:00 - 11:00 | Introduction, product specifications, existing SOC maps, methodologies | R. Baritz, GSP Secretariat, FAO |
| 11:00 - 11:30 | Coffee Break | |
| 11:30 - 11:50 | Example: Australian SOC map using digital soil mapping (data mining using decision trees) | N. McKenzie, CSIRO |
| 11:50 - 12:10 | Example: Mexican SOC map using conventional upscaling based on detailed inventories of soils (geomatching) | C. Cruz-Gaistardo, INEGI |
| 12:10 - 12:30 | Example: Tanzania SOC map using digital soil mapping (regression kriging) | B. Kempen, ISRIC |
| 12:30 - 13:00 | Discussion | All |
| 13:00 - 14:00 | Lunch | |
| 14:00 - 15:30 | Technical steps to prepare soil profile data sets, covariate mapping, best method selections, GIS-steps, uncertainties | F. Olmedo, INTA |
| 15:30 - 16:30 | Capacity planning, cookbook, previous and future workshops, available tools | R. Baritz, supported by presenters |
| 16:30 - 17:00 | Summary of the meeting | R. Vargas, GSP |

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| | | Secretariat, FAO |
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