

Preference: oral or poster (please select your desired presentation style)

Title

Current Status of Soil Inventory in Natural Resources Inventory Museum, NARO, Japan

Please leave a line blank between sections

Authors:

Yuji Maejima¹, Yusuke Takata¹, Takashi Kanda²

Please leave a line blank between sections

Affiliation: (add e-mail address for the corresponding author)

¹ Institute for Agro-Environmental Sciences, NARO, Tsukuba, JAPAN (ymaeji@affrc.go.jp)

² Japan International Research Center for Agricultural Science, Tsukuba, JAPAN

Please leave a line blank between sections

Abstract:

Natural Resources Inventory Museum, NARO opened in 1979 was originally called “Soil Monolith Museum”. In 2004, it has renewal opened, and has now exhibitions not only soil monoliths but also insects, microorganisms, fertilizers, smoke pollution and radioactivity monitoring. Especially, more than 300 soil monoliths from different regions of Japan and from other countries have been collected in this museum. These collections are mainly used for scientific research on soils and helpful tools for demonstrations to farmers, students and general citizens etc. In 2011, the Comprehensive Soil Classification System of Japan, 1st approximation (CSCJ) has developed, which can classify the soils nationwide of land area regardless of land use. In 2016, the new Japanese soil map as a scale of 1:200,000 based on this CSCJ was created and new soil information browsing system as “Japanese Soil Inventory” (<https://soil-inventory.dc.affrc.go.jp/index.php>) has been launched in 2017. And also, smartphone application so called “e-SoilMapII” has been developed. Recently, Japanese soil map based on World Reference Bases for Soil resources 2006 and 2014 has already been created. We will continue to conduct soil survey, develop the soil classification system and soil mapping, collect soil monoliths and soil thin section, and disseminate various soil information.

Please leave a line blank between sections

Keywords: Soil monoliths; Soil map; Japanese Soil Inventory (maximum 5 keywords)

Guidelines

- Abstracts can only be submitted via e-mail (7th_iscc@pedology.jp) on the 7th ISCC conference.
- Submitted abstract should be prepared by following the instruction below. Please read carefully and submit it.
- Submitted abstract will not be edited or proof-read before printing. The first presentation author is responsible for the accuracy of the abstract.
- Please use this template and save your abstract in Microsoft Word form. Please note that abstracts will only be accepted in Microsoft Word (.docx) format.
- Abstracts must be written in English.
- Single-spaced, using size 10 Times New Roman font exclude title is 12 bold fonts.
- The length of the title must be no more than 800 characters including spaces.
- The length of the abstract body must be no more than 350 words.
- Place the first letter on the left end without a space.
- Please do not insert any tables or figures in the abstract.
- So, everything fits on one page.
- Please delete the blue characters for the guideline before submitting your abstract.
- Please rename (name_ affiliation) part of the file name.