

## **SUGITA Ritsuko**

**Affiliation** National Research Institute of Police Science

**Section** Third Forensic Science Division, Fourth Chemistry Section

**Job title** Chief

**Degree** Master of Science (Hokkaido University), Ph. D (Hokkaido University)

### **Academic Background**

- 1989 Hokkaido University Faculty of Science Geology and Mineralogy
- 1991 Hokkaido University Graduate School, Division of Natural Science Geology and Mineralogy
- 2008 Hokkaido University Graduate School, Division of Natural Science

### **Papers**

Discrimination of soil samples by the color comparison. Reports of National Research Institute of Police Science, vol. 45, 103-109 (1992).\*

Validity of color examination for forensic soil identification. Forensic Science International, vol. 83, 201-210 (1996).

Measurement of glass refractive index using a hot stage and its application to identification of windshield glass. Japanese Journal of Science and Technology for Identification, 2(2), 89-94, (1997).\*

Screening of soil evidence by a combination of simple techniques: Validity of particle size distribution. Forensic Science International, vol. 122, 155-158 (2001).

Validity of microalgae for forensic soil identification. Japanese Journal of Science and Technology for Identification, 9(2), 113-122, (2004).\*

‘Unique’ particles in soil evidence.

Forensic Geoscience: Principles, Techniques and Applications. Geological Society Special Publications 232, 97-102 (2004).

Cross section morphology of seed coat of beans observed by scanning electron microscope. Japanese Journal of Forensic Science and Technology, 10(1), 77-82, (2005).\*

Preliminary Studies on Observation of Pollen Morphology by Scanning Electron Microscope for Forensic Discrimination. BUNSEKI KAGAKU, 56(12), 1171-1175, (2007).\*

Forensic Geology In *"Interpol's Forensic Science Review"* CRC Press, 70-88 (2010), ISBN: 978-1-4398-2658-4.

\*: Written in Japanese with English abstracts.

**Academic Societies**

Geological Society of Japan

Japan Association for Quaternary Research

Japanese Association of Forensic Science and Technology

The Mineralogical Society of Japan

Palynological Society of Japan

The Japanese Society of Geo-Pollution Science, Medical Geology and Urban Geology