

“Mini workshop for global wildfire prevention”

2017 Jan 16th, AIST Tokyo waterfront (on 11th floor of the annex)

10:00-10:05; Welcome address

Junichi Tsujii (Director of AIRC)

10:05-10:30; Global hot spots monitoring with Landsat-8 and Sentinel-2

Soushi Kato (AIST/AIRC)

10:30-11:00; Hot spots classification by convolutional neural network

– Wildfire, Volcano, Factory and others –

Ryosuke Nakamura (AIST/AIRC)

11:00-11:30; Japanese land-observing sensors developed by METI

- ASTER, HISUI and beyond -

Koki Iwao (AIST/GSJ)

11:30-12:00; Hot spots detection by a micro-satellite UNIFORM-1

Toru Kouyama (AIST/AIRC)

12:00-13:30; Lunch break

13:30-14:15; SAR and InSAR multi-sensor observations of peat moorland
burn scars

Gail Millin-Chalabi (The University of Manchester)

14:15-15:00; Spectral features of open fire for detection and burn severity

Stefania Amici (Istituto Nazionale di Geofisica e Vulcanologia
and The University of Manchester)

15:00-15:15; Break

15:15-16:00; The FIRESENSE project

Ernis Cetin (Bilkent University)

16:00-16:15; Early warning system to prevent wildfire in Indonesia

Koichi Kishi (NEC)

16:15-16:30; Compact ground data receiving system for rapid response

Hideyo Yokotsuka (Tokai University)

16:30- Open discussion to promote further collaboration