

Report of
Webinar series on
Geospatial Technology for Wildfire Management

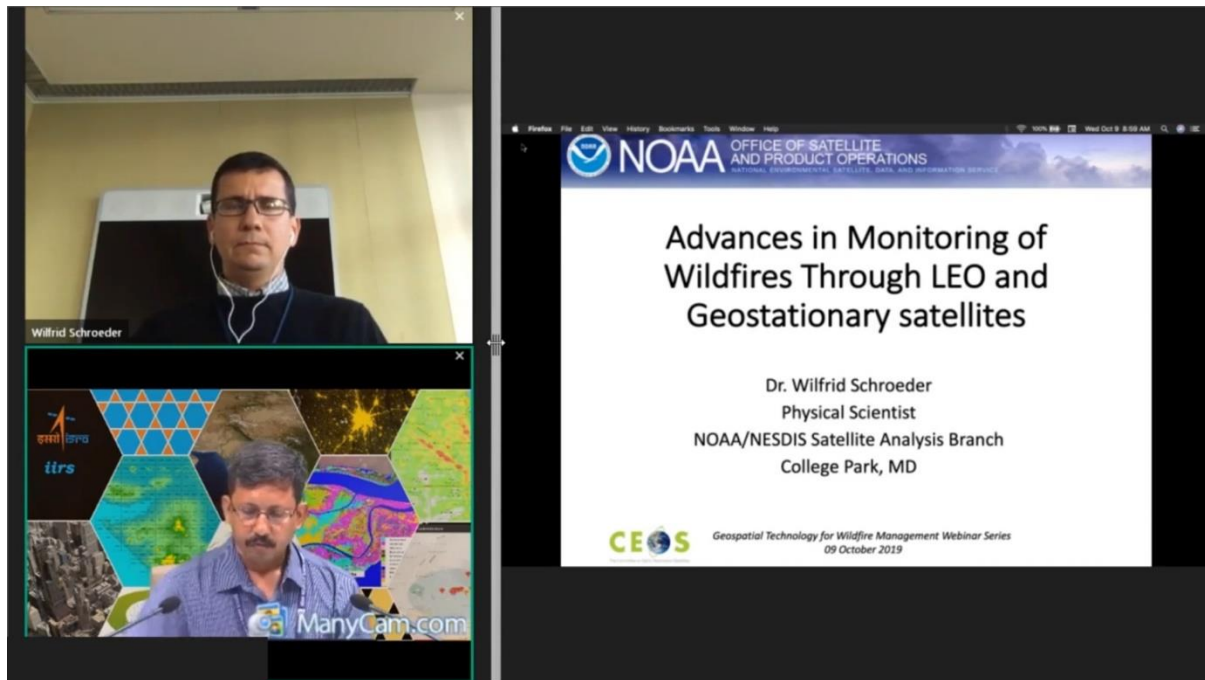
01-29 October, 2019

The Working Group on Capacity Building and Data Democracy (WGCapD) of CEOS as part of its objectives undertake capacity building for the effective use of Earth Observation data as well as providing wider and easier access to those data. As part of this objective, CEOS WGCapD is involved in providing intensive capacity building, education, and training (including awareness and outreach) for enabling end users to gather the information they need and for increasing communication on achieved results. As part of this activity webinar series on “Geospatial Technology for Wildfire Management” has been conducted during October 2019. This webinar series of five webinars, (one each week) each of one hour duration on the following topics have been organised:

- Earth Observation Satellites for Global Wildfire Monitoring (October 1, 2019) by C. P. Singh, ISRO
- Advances in wildfire monitoring through LEO and GEO satellites (October 9, 2019) by Wilfrid Schroeder, NOAA
- Geospatial modelling of wild fire risk through space based inputs (October 15, 2019) by *Arijit Roy, ISRO*
- Early warning systems for wild-fires: Case studies (October 21, 2019) by *Francesca Di Giuseppe, ECMWF*
- Use of Night time VIIRS data for Fire Mapping/Monitoring (October 29, 2019) by *Christopher D. Elvidge, Colorado School of Mines*

This Webinar series was through an online distance education program that allows participants to fully engage with program content, their peers, and their instructors via live lectures, through discussion forums, online chat, question/answer session and feedback mechanisms. The online learning contents was delivered through Electronic Collaborative Learning and Knowledge Sharing System (E-CLASS) developed by ISRO. The individual learners were provided their login credentials through which they join the webinar live from their place of work. The URL to access ISRO E-CLASS is- <https://eclass.iirs.gov.in>. The Webinar series was conducted from IIRS by Dr. Arijit Roy.

The registration for the webinar was opened around 2 weeks before the scheduled webinar. Around 116 participants through online portal of Eclass attended the webinars and around 282 viewed through Youtube live. The majority of the participants were from India and a few from USA and China through E-Class. We were not able to track the nationality of the viewers through Youtube. The telecast was done twice one at 1300 UTC on the dates mentioned and the next repeat telecast of the recorded video was on the next day at 0530 UTC. The live lectures were followed by brief question and answer sessions. All the webinars have been archived as HD video and can be an important learning resource for the future.



Webinar on Advances in wildfire monitoring through LEO and GEO satellites (October 9, 2019) by Wilfrid Schroeder, NOAA