

Anupma Prakash is Professor of Remote Sensing Geology and Geophysics at the Geophysical Institute, University of Alaska Fairbanks, USA. After receiving her M.Sc. degree in Geology from Lucknow University, India, and a Ph.D. in Earth Sciences from the Indian Institute of Technology – Roorkee, India, she moved to the Netherlands to work for the International Institute of Geo-information Surveys and Earth Sciences (ITC), Enschede, The Netherlands. She is internationally recognized for her research on the use of remote sensing and geographic information system (GIS) techniques for investigating surface and underground coal mine fires. Her coal fire research involves fire detection, mapping, monitoring, depth estimation, characterization and quantitative estimation of environmental impacts.

Since 2002, Dr. Prakash is heavily involved in using remote sensing for mapping Earth surface composition and change due to climate change and anthropogenic activities. She serves on the thermal infrared science working group for NASA's planned HyspIRI satellite mission. Details of her funded research projects, teaching, publications, education and outreach activities are available at www.gi.alaska.edu/~prakash