



## Two Day Developer Workshop

on

## OGC APIs using pygeoapi

OGC API specifications define the new standards for interoperable geospatial data that help create geospatial technology stacks around the world. At the core of such API interfaces to make it easy for ANYONE to provide and use geospatial data on the web, and to integrate this data with ANY other type of information. These Standards build upon the legacy of the OGC Web Service Standards (WMS, WFS, WCS, WPS, etc.), but define resource-centric APIs that take advantage of modern web development practices.

OSGeo and OGC India Academic Network invites applicants to the First Developer Workshop on OGC APIs, collocated and synchronized with the OGC Stack Winter School 2023 on 15-16<sup>th</sup> Dec 2023. Apply here

Only 25 seats are available and registrations will close as soon as we receive sufficient applications. Registration fees of INR 500 is required which will be payable after applicant is accepted for the workshop. Note that this is an intensive workshop and participants will have to carry their own laptops. Some prior experience in python programing and geospatial data will be useful.

**For more details email [gisehub@iiitb.ac.in](mailto:gisehub@iiitb.ac.in) or call 022 2576 4920**



**Venue:** Room -102, Himalaya D Block, IIIT Hyderabad

**Mode:** In-person participation

## Detailed Agenda:

Intro and Orientation*	08:00 am - 09:00 am		Sumit
	09:00 am - 10:00 am	OGC API Basics	Krishna/Prajwalita
Module 1 (15 Dec, 2023)	10:30 am - 12:00 am	OGC APIs using pygeoapis, moving from web services to APIs	Joana
	12:00 pm - 01:00 pm	OGC API Features	Tom/Tom
Module 2 (15 Dec, 2023)	02:00 pm - 03:30 pm	OGC API Tiles, Maps	Tom/Krishna
	03:45 pm - 05:15 pm	OGC API Maps, Coverages	Tom Krishna
Morning Standup* (16 Dec, 2023)	08:30 am - 10:00 am	Summary and Interactions	Sumit
Module 3 (16 Dec, 2023)	10:30 am - 12:00 am	OGC API Processes	Tom/Joana
	12:00 pm - 01:00 pm	OGC API Records	Tom/Joana
Module 4 (16 Dec, 2023)	02:00 pm - 03:30 pm	STAC	Tom
	03:45 pm - 05:15 pm	Path Forward	Joana
Conclusion* (16 Dec, 2023)	05:30 pm - 07:30 pm	Projects by Participants	Sumit/Vamsi/Prajwalita

## Invited Speakers:

### [Tom Kralidis](#)



### [Joana Simoes](#)



### [Krishna Lodha](#)



The Workshop will be supported by [Sumit Sen, Vamsi K, Prajwalita Chavan](#).  
[Kainos](#) is the technology support partner for this workshop.

## How to Apply:

1. Apply on this google form  
[https://docs.google.com/forms/d/e/1FAIpQLSezfTVkmy-JcNO3wUOQ4FcMDv62nsSR8OsHsre\\_ATghC1JVFG/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSezfTVkmy-JcNO3wUOQ4FcMDv62nsSR8OsHsre_ATghC1JVFG/viewform?usp=sf_link)
2. Pay the fees on the link provided in the acceptance email.