

संघ राज्य प्रशासन, लद्दाख

THE ADMINISTRATION OF
UNION TERRITORY OF LADAKH

जन स्वास्थ्य अभियांत्रिकी/

PHE/I&FC DEPARTMENT

सींचाई एवं बाढ़ नियंत्रण विभाग सत्यमेव जयते

F.No:T/1/2023-(PHE/I&FC) SECTION/1134-48

ई-मेल/email: pstocomsecutl@gmail.com

यूटी सचिवालय, लेह /UT Secretariat, Leh,

Dated:16.07.2024.

Subject: Training Program on Introduction to Google Earth Engine (GEE) & its Applications in Water Resources Management under NHP at National Water Academy, Pune during 05-16 August 2024 - Deputation of Engineers thereof.

**Order No.41-LA(PHE/I&FC) of 2024,
Dated:16.07.2024.**

Sanction is hereby accorded to the nomination/deputation of the following Engineers of PHE/I&FC and PW(R&B) Departments for attending the "Training Program on introduction to Google Earth Engine (GEE) & its Applications in Water Resources Management under National Hydrology Project (NHP)", being organized by the National Water Academy, Central Water Commission, Ministry of Jal Shakti, Government of India, at National Water Academy, Pune **from 05.08.2024 to 16.08.2024:**

S.No	Name of designation of Officers	Contact No.
1.	Sh. Tsering Angchuk Executive Engineer, Igoo-Phey Division, Leh.	9906991330
2.	Sh. Mohammad Sadiq, Assistant Executive Engineer, I&FC Division, Kargil.	9419177146
3.	Sh. Mohd Abdullah, Assistant Executive Engineer, I&FC Division, Leh	9419176190
4.	Sh. Lhundup Jamyang, Assistant Executive Engineer, PHE Division, Leh	9469290009
5.	Sh. Mohd Rafiq, Assistant Executive Engineer, PHE Division, Kargil.	9419639321
6.	Sh. Mansoor Hussain, Assistant Engineer, PW(R&B) Division, Kargil.	9596959593
7.	Sh. Thupstan Targais, Junior Engineer, PW-Constt Division, Leh.	9419976355

TA/DA as admissible under rules is also sanctioned in favour of the above Engineers.

By order of the Administration of UT, Ladakh.

Sd/-

(माइकल एम. डिसज़ा / Michael M. D'Souza) IAS

सचिव/Secretary,
PHE/I&FC Department.

Copy to the:

1. Additional Secretary, Department of Water Resources, Central Water Commission (NWA), Ministry of Jal Shakti, Government of India.
2. Joint Secretary (JKL), Ministry of Home Affairs, Government of India.
3. Deputy Director, National Water Academy, Pune.

Copy also to the:

1. Secretary to Hon'ble Lieutenant Governor, UT of Ladakh.
2. Deputy Commissioners/CEOs, LAHDC, Leh/Kargil.
3. Chief Engineer, PHE/I&FC.
4. Superintending Engineers, PHE/I&FC Circles, Leh/Kargil.
5. State Informatics Officers, NIC, Ladakh.
6. Deputy Resident Commissioner, Ladakh at New Delhi.
7. Concerned Engineers.
8. DIO, NIC, Leh.
9. Pvt. Secretary to Advisor to HLG for information of the Advisor.
10. Superintending Archive, Archaeology & Museums.
11. Pvt. Secretary to Administrative Secretary, PHE/I&FC Department for information of the Administrative Secretary.
12. Order /Stock file (w.2.s.c)/e-file No.11368.

ZAKIR
HUSSAIN

Digitally signed by
ZAKIR HUSSAIN
Date: 2024.07.16
18:09:42 +05'30'

(जाकिर हुसैन/Zakir Hussain) JKAS,

प्रशासन के उप सचिव/Deputy Secretary to the Administration.

Training Program on 'Introduction to Google Earth Engine(GEE) & Its Applications in Water Resources Management' under NHP at NWA, Pune during 05-16 August 2024 - Request for Nominations

1 message

NWA <nwa.mah@nic.in>

Mon, Jul 8, 2024 at 8:02 PM

To: secretarywrdap@gmail.com, sbkr2001@gmail.com, icadpeshi@gmail.com, secretarywrd6@gmail.com, secyirrigassam@yahoo.com, wrd-bih <wrd-bih@nic.in>, enc@cgwrd.in, secwr@gujarat.gov.in, splsec-nwrws@gujarat.gov.in, fciwrd@gmail.com, Mukesh Agnihotri <iphmin-hp@nic.in>, sec_wrd_jhr@nic.in, acs-wr@karnataka.gov.in, secytech-wr@karnataka.gov.in, "Dr. Venu V IAS" <acs.wrd@kerala.gov.in>, ASHOK KUMAR SINGH IAS <secy.wrd@kerala.gov.in>, "Dr. Rajesh Rajora, ACS WRD" <pswrd@mp.gov.in>, psecwr.wrd@maharashtra.gov.in, sec.cad@maharashtra.gov.in, r.alimmei22@gmail.com, manipurpsc@live.com, secymi.mizo@gmail.com, secyirrig-ngl@nic.in, Water Resources Orissa <wrsec.or@nic.in>, Krishan Kumar <psi@punjab.gov.in>, irrigation.punjab2018@gmail.com, ce-ifc-gl@nic.in, Parampal Kaur Sidhu <parampalkaur.sidhu@ias.gov.in>, pswrdraj@rajasthan.gov.in, wrdgv23@gmail.com, wrdsec@tn.gov.in, Spl Chief Secretary <secy-irg@telangana.gov.in>, secy.pr.uk@gmail.com, iwd.prsecy@gmail.com, secretary.iwdept@gmail.com, PRABHAT KUMAR MISHRA <psecy.wridd-wb@gov.in>, wridd.wb@gmail.com, secretary.an102@gmail.com, Nitin Kumar Yadav <hs-chd@nic.in>, Ravi Dhawan <secretary-pwd@ddd.gov.in>, ceifcd@gmail.com, pscsphe@gmail.com, pstocomsecutl@gmail.com, Shashank Mani Tripathi <secy-home@utl.gov.in>

Sir/Madam,

National Water Academy, Central Water Commission, Pune is organising a training program on 'Introduction to Google Earth Engine(GEE) & Its Applications in Water Resources Management' under National Hydrology Project (NHP) of DoWR, RD &GR, Govt. of India during 05-16 August, 2024. In this regard, please find the information brochure of the training program attached to this mail. You are requested to nominate officers from your department/organization for participation in the said training program. Nominated officers may also be asked to fill this registration form <https://forms.gle/nGKhErqZXWSprEzU9> before 01.08.2024.

Yours Sincerely

Chaitanya K S
Deputy Director,
National Water Academy,
Central Water Commission, Pune

 Brochure_GEE_Aug_2024.pdf
213K



**Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Water Commission**



**Training Program on
Introduction to Google Earth Engine
& Applications in Water Resources
Management
(05-16 August 2024)**



**Organized by
NATIONAL WATER ACADEMY, PUNE**

**under
National Hydrology Project**

INTRODUCTION & BACKGROUND

Google Earth Engine (GEE) is a platform for planetary scale analysis which is useful for translating geospatial datasets into meaningful analytics. GEE leverages Google's extensive cloud infrastructure to present several varied applications. GEE is free for non-commercial use and there is no additional software license that is required. This training program is designed for water resources professionals who have basic knowledge of Remote Sensing, GIS and Computer Programming but are new to GEE platform

PROGRAM FORMAT

The program will be held in person at the National Water Academy (NWA) campus in Pune containing classroom lectures, Handson and self-practice sessions

PROGRAM CONTENTS

- Overview of Google Earth Engine (GEE)
- Getting started with GEE Code Editor (JavaScript API)
- Working with Raster data using GEE
- Working with Vector data using GEE
- Application of GEE for Waterbodies Extraction and Mapping, Semi-Supervised Landcover classification, Irrigation Water Management, Time Series Analysis and Change Detection; Flood Mapping & Monitoring; Drought Monitoring etc.,
- Introduction to GEE Apps

LOCATION

National Water Academy is located on the south-western side of the Pune city on Pune-Sinhghad Road between Nanded Phata and Kirkatwadi villages. It is 12 Kms from Swargate Bus Stand, 18 Kms from Pune Station and 29 Kms from Pune Airport.

[Click here for directions from Pune Airport to NWA](#)

[Click here for directions from Pune Railway Station to NWA](#)

LOCAL HOSPITALITY AND WEATHER

NWA has a self-contained residential campus, and all out-station participants would be provided with accommodation in the NWA hostels, which are comfortable and fully furnished (viz. television with cable connection, refrigerator, micro-oven, tea maker, intercom etc.). Meals are available (self-service dining) in Canteen/Mess which is on the same residential campus. Participants (except for CWC officers) are required to pay for lodging and boarding charges, which are nominal. During the month of August, normally the weather is pleasant with occasional rainfall, with the temperatures ranging between 22°C to 28° C

TARGET GROUP

Water Resource Professionals from Central and State Implementing Agencies (IAs) of the National Hydrology Project (NHP), Center/State Government departments, and other stakeholders

Note: All participants are suggested to bring their laptops to the training program

PROGRAM FEE

There is no program fee for participants from Central and State Govt. departments. Charges for participants from other agencies are as follows:

Category	Description	Fee per participant
A	Central/State Government/Departments including their autonomous bodies	Nil
B	'Not for Profit' Organizations/authorities/bodies of Central and State governments (if they certify that they are not for profit)	Nil
C	Recognized academic institutions, NGOs	2,700/-
D	Central and State PSUs	18,000/-
E	Private Companies, individuals	27,000/-

• Discounts applicable: (a) 50% for PSUs of MoJS i.e. WAPCOS & NPCC (no group discount); (b) For others – 20% discount for 3-4 participants; 30% discount for 5 or more participants from the same organization.

For modalities in respect of payment of fees, please contact the Course Director.

PARTICIPATION

The nomination of the officers fitting the target profile may be sent to the Course Director latest by 01.08.2024. Nominated officer may also fill in the online registration form: <https://forms.gle/nGKhErqZXWSprEzU9>

The list of accepted nominations will be displayed on the NWA website on 02.08.2024

CONTACT

For sending nominations or for any information on this program, please contact:

Chaitanya K S
Deputy Director & Course Director
National Water Academy
Central Water Commission
Khadakwasla, Sinhghad Road
Pune – 411 024; Tel: 020 – 24380392 Extn 114
Mob:9910771794 E-mail: nwa.mah@nic.in / deputydirector1-nwa@gov.in