



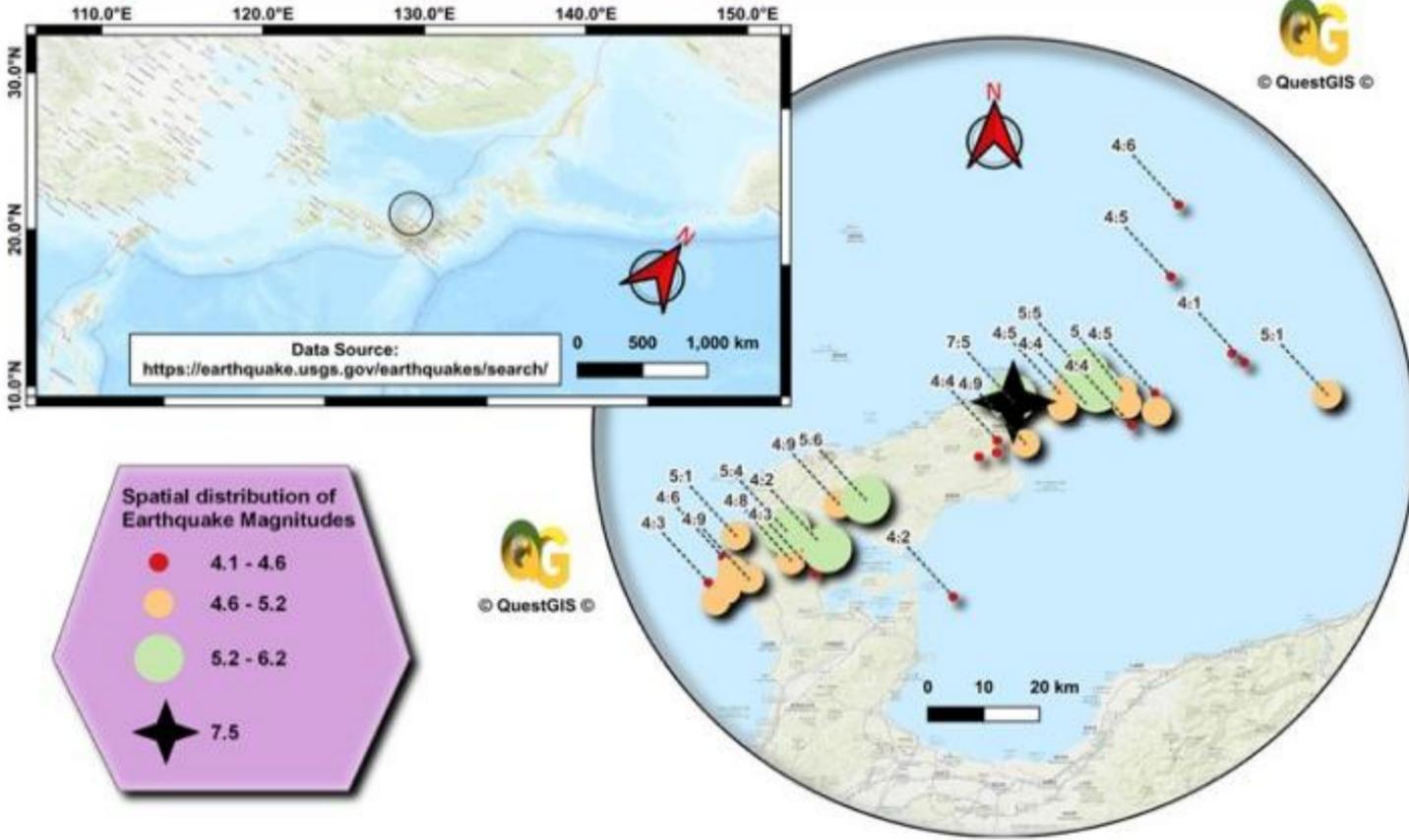
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3 दिन का प्रमाणित ऑनलाइन प्रशिक्षण Basics of QGIS (हिंदी / English में)

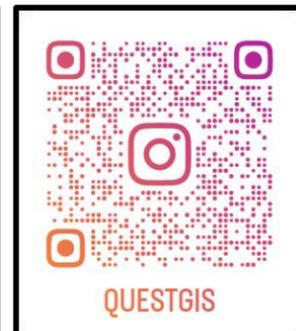
Recent Earthquakes in Japan (from 26-12-2023 to 02-01-2024)



by
Quest GIS
(<https://questgis.co.in/>)

CERTIFIED

- ❖ तारीख: 25 मार्च 2026 से 27 मार्च 2026
- ❖ पंजीकरण की अंतिम तारीख: 24 मार्च 2026
- ❖ समय: रात 8:00 बजे से 9:00 बजे (IST)
- ❖ अवधि: 3 दिन, 1+ घंटे
- ❖ माध्यम: Zoom (लिंक कोर्स शुरू होने से 24 घंटे पहले भेजा जाएगा)
- ❖ भाषा: हिंदी/ English



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प्रोजेक्ट 1: अलग-अलग डेटा फॉर्मेट को QGIS में इम्पोर्ट करना ।

प्रोजेक्ट 2: "The Art of Symbology" – असली डेटा से विज़ुअलाइज़ेशन करना ।

प्रोजेक्ट 3: मैप डिस्प्ले करना और प्रैक्टिकल ट्रेनिंग ।

ट्रेनर



डॉ. नेहा जोशी

- 8+ साल का अनुभव GIS सॉफ्टवेयर में
- पोस्टडॉक्टोरल रिसर्चर (FSU, जर्मनी)
- पीएचडी (Geology, कुमाऊँ यूनिवर्सिटी, नैनीताल)

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Interactive mapping and hands-on training through the following projects

Project 1: Get your hands-on importing “Different data formats” in QGIS!

Project 2: “The Art of Symbology: A Data Visualization Journey” using real world data.

Project 3: Practical and hands on training on “Map displaying”.



Know your trainer

Dr. Neha Joshi

**8+ years of working with GIS softwares
Postdoctoral researcher (FSU, Germany)
PhD. In Geology (Kumaun University, Nainital)**



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Salient features

- ई-सर्टिफिकेट मिलेगा (शर्तें पूरी करनी होंगी)
- फ्री डेटा, प्री-ट्रेनिंग स्टडी मटेरियल और असाइनमेंट्स
- क्लास रिकॉर्डिंग उपलब्ध होगी
- स्टेप-बाय-स्टेप गाइडेंस
- लाइफटाइम WhatsApp ग्रुप एक्सेस
- ट्रेनर और प्रतिभागियों से सीधा संवाद

Who should attend?

- छात्र और शुरुआती जिनके पास GIS का अनुभव नहीं है।
- जिज्ञासु लोग किसी भी क्षेत्र से।

संबंधित क्षेत्र: **Geology, Geophysics, Mining, Earth Science, Archaeology, Geoinformatics, Petroleum Studies, Engineering, Biotechnology, Agriculture, Computers, GIS Professionals, Academic Researchers, Social Sciences, Ecology, Geotechnical, Urban Planning, Catastrophe Modelling**

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Salient features

- E-certificate (see last page for certification pre-requisites).
- Free data, pre-training study material and multiple assignments for hands-on practice.
- Class recording will be provided.
- Step by step guidance during entire course.
- Get lifetime access to the WhatsApp group
- One-to-one interaction with trainer and participants.

Who should attend?

Knowledge of GIS is a desirable skill in industries from agriculture to public health etc., So our target participants includes
Students and beginners with little or no prior experience in GIS.
Curios participants from every possible background.

- | | | |
|------------------|---------------------|-------------------------|
| ✓ Geology | ✓ Petroleum studies | ✓ Computers |
| ✓ Geophysics | ✓ Mining | ✓ GIS professionals |
| ✓ Earth science | ✓ Engineering | ✓ Academic researchers |
| ✓ Archaeology | ✓ Biotechnologist | ✓ Social Sciences |
| ✓ Geoinformatics | ✓ Agriculture | ✓ Ecologists |
| ✓ Geotechnical | ✓ Urban planning | ✓ Catastrophe modelling |



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Detailed content for this course (Pre-training material)

GIS की बुनियादी बातें

- **GIS** क्या है और क्यों ज़रूरी है
- **QGIS** क्यों चुनें (**Open Source vs Licensed**)
- **QGIS** इंस्टॉलेशन
- डेटा टाइप्स: **Raster** और **Vector**
- **Coordinate Systems (Geographic और Projected)**
- **Datum** और **UTM Zone**
- **EPSG Code**
- **Georeferencing** और **Ground Control Points**
- **Digitisation** और **Topology**
- **Mapping** और **Map Layers**
- **Map Scale** और **Rotation**

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Detailed content for this course (Pre-training material)

1a. Fundamentals of GIS: Basic Spatial concepts like

- i. What is GIS?
- ii. Why GIS?
- iii. Why prefer QGIS (Open source vs Licensed GIS sources)?
- iv. QGIS software and installation
- v. Different data types i.e., raster and vector and their formats.
- vi. Geographic coordinate systems and Projected coordinate systems.
- vii. The concept of datum.
- viii. The concept and need of UTM Zone.
- ix. The understanding of EPSG code.
- x. The concept of Georeferencing and its importance in real life applications
- xi. The concept of ground control points, their importance and Transformation settings.
- xii. The art and concept of Digitisation and Topology.
- xiii. The concept of mapping and map layers.
- xiv. Map scale, map rotation etc.



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Detailed content for this course (Pre-training material)

2a. Dedicated lecture on QGIS Graphic User

Interface (GUI)

Learn the detail of each tool and their purpose by practising the tools present in

- i. Menu toolbar
- ii. Project toolbar/Side toolbar
- iii. Layers panel
- iv. Browser Panel
- v. Locator toolbar
- vi. Status bar
- vii. Map canvas and Map
- viii. Navigation Toolbar



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Detailed content for this course (Day-1: Data loading and formats)

1a. Data type and format loading using different ways/methods in the QGIS workspace

Data types

- i. Raster loading
- ii. Vector loading
- iii. Delimited text

Data Formats

- i. GeoTiff
- ii. Shapefiles layer
- iii. Spreadsheet or CSV loading

1b. Plugin Installation

Adding functionality with plugins



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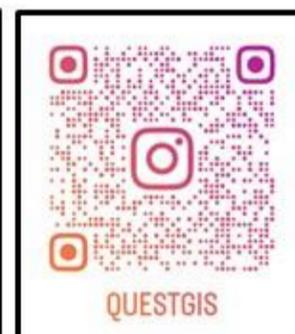
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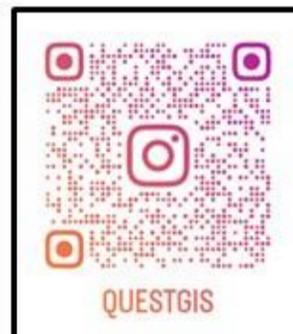
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Detailed content for this course (Day-2: The Art of Symbology)

2. The process of data visualization through changing the “Symbology and its structure”.

- i. Simple Fill and Categorised (for each vector type, ex., Polygon, Polyline and Point features)
 - a. Scale-based visibility
 - b. Add Symbol layers
 - c. Order Symbol levels
- ii. Vector data classification
 - a. Understanding of Layer Styling panel
 - b. Simple Labels
 - c. Style Classification mode



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Detailed content for this course (Day-3: Map displaying)

3. Interactive mapping and hands-on training through

Detailed map composing or layout generation using through editing process of

- i. Print layout
 - a. Map output elements
 - b. Legend
 - c. Grids
 - d. North arrow
 - e. Label
 - f. Scalebar
- ii. Export final map
 - a. JPEG
 - b. PDF



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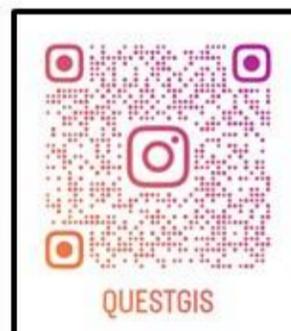
Course fees

~~INR 1499 / or USD 18 / per head only!~~

INR 999/- per head only!

To submit the course registration,
kindly go to the google form link
provided in the description with this
brochure.

Your seat is confirmed only when you
register and share the payment proof.



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सर्टिफिकेट

•अंतिम असाइनमेंट सही तरीके से जमा

करना

•फाइनल क्विज़ में कम से कम 7/10 अंक

•तभी Certificate of Completion मिलेगा

Certificate of completion

Pre-requisites for certificate

1. Complete and correct submission of one final assignment as instructed during course.
2. 7/10 score in a final quiz.

Please note: Certificate of completion will be issued to candidates, only one meets the above requirements. This will ensure the high quality of the course and can guarantee the knowledge gained by each participant.