Garnet
GLOBAL TRAINING CENTER

GGT-GI-107
Course brochure

GIS, Geospatial & Remote Sensing

Open-Source Web GIS: GeoServer, PostGIS and Leaflet

نظم المعلومات الجغرافية مفتوحة المصدر على الويب: GeoServer وPostGIS وLeaflet

Duration	Format	Language	Level
5 days (35 h) or 10 days (70 h)	**Classroom / online / in-house**	**English or Arabic**	**Advanced**

Overview

Open-Source Web GIS: GeoServer, PostGIS and Leaflet is a practical GIS, Geospatial & Remote Sensing program. Build a complete open-source web GIS stack, from spatial database to interactive web map. Every day pairs short theory sessions with hands-on exercises on real data and case studies, so participants leave with methods and templates they can use at work straight away. Join a public session in one of 20 cities or live online, in English or Arabic, or run it in-house with examples from your own projects.

What you will be able to do

- Apply open-source GIS stack and OGC standards at work.
- Apply postGIS data storage at work.
- Apply geoServer: WMS, WFS and styling at work.
- Apply leaflet and OpenLayers web maps at work.
- Apply deployment, caching and security at work.

Who should attend

GIS analysts and technicians, surveyors, planners, engineers, environmental specialists and managers who use spatial data.

5-day outline

Day 1 — **Open-source GIS stack and OGC standards**
- Concepts, methods and standards
- Hands-on exercise

Day 2 — **PostGIS data storage**
- Worked examples from real projects
- Practical workshop

Day 3 — **GeoServer: WMS, WFS and styling**
- Tools, templates and best practice
- Case study and group discussion

Day 4 — **Leaflet and OpenLayers web maps**
- Concepts, methods and standards
- Hands-on exercise

Day 5 — **Deployment, caching and security**
- Worked examples from real projects
- Capstone exercise and action plan

10-day option: adds Advanced methods and tools, Industry case studies, Integration with other systems and data, Quality, standards and governance, Capstone project and presentation.

Fees per participant

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house at your premises	**Quotation per group**

Fees exclude VAT and include materials and the certificate of completion; classroom fees include lunch and refreshments.

Certificate

Certificate of completion stating 35 or 70 contact hours for participants who attend at least 90% of sessions and pass the final assessment.

Upcoming sessions

Dates	Format	City	Language
25–29 Jan 2027	5-day classroom	Singapore	English
1–5 Feb 2027	5-day classroom	Barcelona	English
7–18 Feb 2027	10-day classroom	Amman	English
10–14 May 2027	5-day online	Live online	English
9–13 Jan 2028	5-day classroom	Muscat	Arabic
8–12 May 2028	5-day classroom	Abu Dhabi	English

Full schedule to 2030 on the course page. We can also run it on your dates, in your city or in-house.

Register or ask
WhatsApp +971 56 674 7382

training@garnettrainings.com
info@garnettrainings.com

garnettrainings.com
Sharjah Publishing City Free Zone, UAE