Garnet
Garnet Global Training Center

GGT-SA-109

Space & Satellite Applications **Rare specialisation**

Remote Sensing for Agriculture & Water

الاستشعار عن بعد للزراعة والمياه

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Remote Sensing for Agriculture & Water turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. The fast-growing space sector: satellites, earth observation and space business. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Remote Sensing for Agriculture & Water to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

Who should attend

Engineers, analysts, policy makers and managers entering the space sector. Practitioners with one to five years of experience benefit most.

Key topics

- Space systems basics
- Satellite missions
- Earth observation data
- Space policy and law
- Space business
- Applications on the ground

Formats and fees

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	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Remote Sensing for Agriculture & Water: principles and standards

- Applications on the ground
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Space systems basics
- Satellite missions

Day 3 Diagnosis and problem solving

- Earth observation data
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Space policy and law
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Space business
- Checklists and templates to take away

10-day outline

Day 1 Remote Sensing for Agriculture & Water: principles and standards

- Applications on the ground
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Space systems basics
- Satellite missions

Day 3 Diagnosis and problem solving

- Earth observation data
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Space policy and law
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Space business
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Measurement and reporting

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
1–5 Feb 2027	5-day classroom	Dubai	English	4,750
2–13 May 2027	10-day classroom	Doha	Arabic	8,950
20–24 Sep 2027	5-day classroom	London	English	4,750
4–8 Oct 2027	5-day online	Live online	Arabic	2,950
3–14 Apr 2028	10-day classroom	Paris	English	8,950
5–9 Jun 2028	5-day classroom	Dubai	English	4,750
3–7 Jul 2028	5-day classroom	Istanbul	English	4,750
2–13 Oct 2028	10-day online	Live online	Arabic	5,450
14–18 May 2029	5-day classroom	Kuala Lumpur	English	4,750

Dates	Format	City	Language	Fee (USD)
13–17 Aug 2029	5-day classroom	Vienna	English	4,750
16–27 Sep 2029	10-day classroom	Amman	English	8,950
12–16 Nov 2029	5-day online	Live online	Arabic	2,950
18–22 Feb 2030	5-day classroom	London	English	4,750
11–22 Mar 2030	10-day online	Live online	English	5,450
7–18 Apr 2030	10-day classroom	Jeddah	Arabic	8,950
10–14 Jun 2030	5-day classroom	Dubai	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/