



EcoSpatial Research Technologies

India Office: 1st Floor, 3015, K.R Road, BSK 2nd Stage, Bengaluru – 560070
www.ecospatialgis.com, Email: info@ecospatialgis.com, Mb: 91-9742349602
Australia Office: #5/48, Oakes Avenue, Clayton South, Victoria 3169.

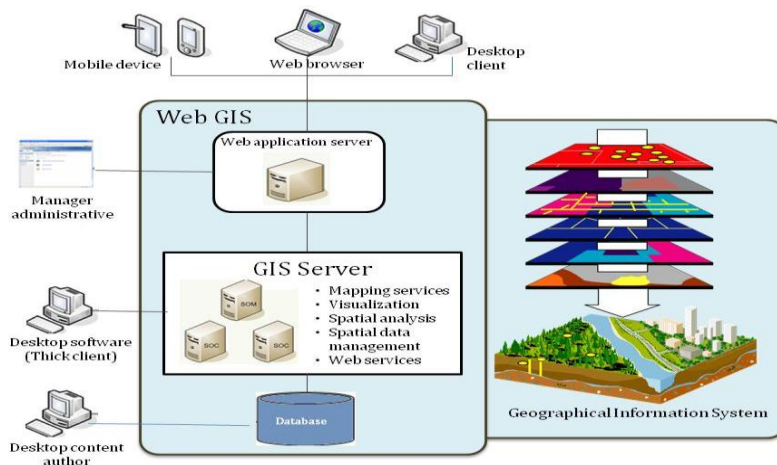
GIS (Geographic Information System) Training & Services

“Study Nature,

Love nature, Stay Close to nature.

It will never fail you.”

-Frank Lloyd Wright





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Many Reasons to Consider GIS as a Career

Whether you are a student considering your first career or someone already in the workplace who is considering a new career, choosing GIS can be rewarding in many ways. Growth potential remained high, but some pose questions and we offers answers that can help you appreciate reasons why a career in GIS might be the right choice.

Do you want a career or just a job?

Do you want to be paid for doing something you love to do or just collect a pay check? A career where GIS is a fundamental part of your day allows you to be immersed in a field where you can continually grow and move forward in an environment of lifelong learning.

Do you want to do something cool?

GIS is an exciting, rapidly changing, and cool technology that merges nicely with many other technologies you may be interested in, such as video, web development, and phone apps.

Do you want to do something important?

GIS is a green technology that is making a difference on our planet and to its people every day for key decisions about wildlife habitat, human health, renewable energy, climate change, water quality and availability, wilderness areas, and much more.

Do you love maps?

For thousands of years, maps have been fascinating and powerful sources of information. GIS combines the best of visualization and technology. Today's maps are not just reference sources, they are dynamic, and you can change them to suit whatever need you have or problem you are trying to solve.

Do you like to get outside?

GIS depends on data collected in the field. Your "field" could be atop a glacier, in a river, on a city street. There is no end to what needs to be mapped and analysed.

Do you want to empower people?

The convergence of the web, GIS, and handheld devices make citizen science a reality. You can contribute to real scientific studies or build tools to enable citizens to make these contributions.

Are you curious about your world?

GIS allows you to investigate what-if scenarios, model, ask questions, and investigate possible outcomes.

Do you care about the well-being of your local community?

A career in GIS enables you to do something about issues in your own community: health, zoning, services, greenways, crime, trash, traffic, and more.

Do you want to blaze new trails?

Many, if not most, of the GIS-related jobs in the future have not even been invented yet, so market yourself! Propose a new position in an organization that you are interested in. Make your case that you are the one to staff that position!

GIS TRAINING (Full Package)



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TRAINING METHODOLOGY

EcoSpatial Research Technologies office offers a wide range of training options to expand your knowledge on CAD and GIS. We organize special training events in areas of high skill requirement. All schedules are both classroom & online at convenient timing to suite every need. Our fast track GIS courses are designed for quick learning to sharpen your software and analytical skills.

COURSE OBJECTIVE

The courses would provide the participants with a full understanding of GIS concepts and principles and how it can be used for resource management. The syllabus is an extract to match the latest requirements in companies with excellent job success rate. This program is specially designed to enhance your complete personality which is coupled with industrial projects on GIS (Geographical Information System), RS (Remote Sensing) and Image Processing. This unique training program makes you dynamic, multiskilling to build career in GIS.

Course covers following areas:

Fees : Rs 25,850 by cash or online with 12.6% tax extra (**for Indian Citizen**)

USD 890 by cash or online with 12.6% tax extra (**for Foreign National**)

1. GIS and Remote Sensing(Theory)
2. Loading GPS Data (Practical)
3. Cartography Mapping (Practical)
4. Working with GIS Software: Overview and Installation (AutoCAD LT, Arc GIS, QGIS)
5. Exploring GIS Software (Practical)
6. Spatial Analysis, Mosaic Image & Map Composer
7. 3D Analysis (Spaceye3d GIS software)
8. GIS Project work with Trainee Letter from EcoSpatial Research Technologies Technologies.(Live Projects NGO'S & Government)

Tools exposed: AutoCAD LT, Arc GIS, QGIS Desktop and Spaceye3D GIS Software

Eligibility for GIS Training: Students who have opted for subjects like geography, geology, agriculture, engineering, IT or computer science & those who have passionate about nature, wildlife & tourism with any degree.

Class Duration

- (a) Fast-track 15 days
- (b) Regular 1 month
- (c) Weekend 3 months

Online Duration:

- (a) Fast-track 1 month 1hr/day
- (b) Weekend 2hr/day
- (d) Corporate 5 days



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Advance GIS Training

COURSE OBJECTIVE

GIS Application Developing and Customizing and Web Map Publishing.

Course Covers:

Fees : Rs 25,850 by cash or online with 12.6% tax extra (**for Indian Citizen**)

USD 890 by cash or online with 12.6% tax extra (**for Foreign National**)

Customization and Development in JAVA, PHP, C#, C++, .NET and Python.
Differential GPS (DGPS) Data Collection
Enterprise GIS (Web GIS, Cloud GIS)

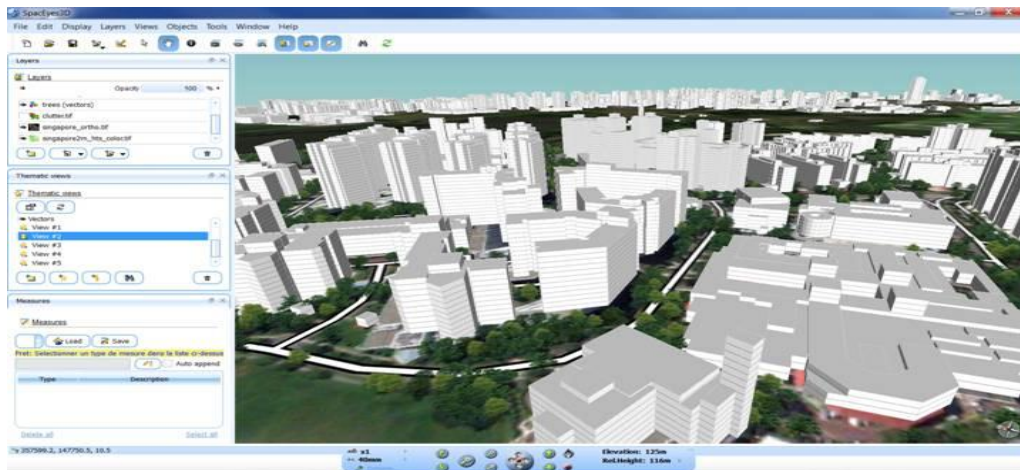
Eligibility for GIS Training: Experienced in GIS World.

Class Duration

- (a) Fast-track 15 days
- (b) Regular 1 month
- (c) Weekend 3 months
- (d) Corporate 5 days

Online Duration:

- (a) Fast-track 1 month 1hr/day
- (b) Weekend 2hr/day





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Open Source GIS Training

Course Objective:

This will help students and educators engage in studies that promote critical thinking, integrated learning, and multiple intelligences at the same time students will be acquiring valuable skills that can be transferred into the twenty-first-century workforce, whether they are involved in science, government, or business.

Course Covers:

Fees : Rs 18,850 by cash or online with 12.6% tax extra (**for Indian Citizen**)

USD 525 by cash or online with 12.6% tax extra (**for Foreign National**)

1. GIS and Remote Sensing(Theory)
2. QGIS Basics
3. Cartography Mapping (Practical)
4. Working with GIS Software: Overview and Installation (QGIS)
5. Exploring GIS Software (Practical)
6. Mosaic Image & Map Composer
7. Using Attribute data
8. Setting up Attribute actions
9. Printing and Composer creation
10. Data exporting
11. GIS Project work. (Live Projects NGO'S & Government) Minimum 3 projects.

Tools exposed: QGIS Desktop, Spacye3D GIS Software.

Eligibility for GIS Training: Students who have opted for subjects like geography, geology, agriculture, engineering, IT or computer science & those who have passionate about nature, wildlife & tourism with any degree.

Course Duration:

1. Corporate 3 days.
2. Regular 6 days.



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Mobile Mapping GIS Training

Course Objective:

Mobile mapping solutions are increasingly playing an important role in many organisations. Our training courses are designed to provide practical hands on instruction so you can effectively utilise the full capabilities of your mobile mapping solution

Course Covers:

1. Introduction
2. Components of Mobile mapping
3. Benefits/advantages of mobile mapping
4. Downloading and installation the application
5. Data Collection – Exercise/Activity
6. Geo-Visualization in QGIS
7. Downloading data in different formats
8. Utility in different projects
Slum Mapping, Asset Mapping, Household Mapping, Construction Management,
Plantation Management.

Course Duration:

1. Corporate and Regular One day.



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Scope of GIS (Geographic Information System)

- Geographical Information System (GIS) and Remote Sensing as a state of art technology and upcoming field of science concerns generation, maintenance and utilization of geographical, cartographic data and terrain information in the best possible manner.
- The experience will make one a specialist in this upcoming and niche field and will be useful if GIS and Remote Sensing is the choosing area of work.
- The market for geospatial technologies is growing at about 35% a year, studies suggest, and the geospatial industry as a whole is expected to add at least 330,000 jobs between 2012 and 2020.

Eligibility for GIS job: Students who have opted for subjects like geography, geology, agriculture, engineering, IT or computer science can try for GIS job.

Career potential

The geoinformatics field is in its nascent stage and expanding at a rapid pace as more and more industries are employing spatial data to manage their activities. Almost no developmental project is complete without geospatial information and it will soon become imperative. The only limit is the acute shortage of skilled professionals. Therefore, there is tremendous scope with accelerated growth and development prospects. The pervasive use in diverse disciplines ensures a wide variety of employment opportunities.

Career Titles

GIS Analyst, GIS Technician, GIS Data Specialist, GIS Specialist, GIS Mapping Technician, Engineering Technician, GIS Mapping Assistant, GIS Application Specialist, Engineering Aide, Programme Specialist, Senior Spatial Data Administrator, Senior Geo-location Operator, GIS Manager, GIS Sales Manager, GIS Business Analyst.

Where you can get job in GIS? Indian Space Research Organization (ISRO), National Remote Sensing Centre (NRSC), National Spatial Data Infrastructure (NSDI), Geological Survey of India, Forestry Survey of India, Department of Science and Technology Ministry of defense, Ministry of Environment, National Informatics Centre, NESAC, ADRIN, IARI, Departmental authorities and municipal bodies.

Other governmental bodies like agricultural departments, municipal bodies, forest departments, town planning departments, geo informatics centers and central government organizations also employ these candidates.

Salary (Government of India): The salary of these professionals varies and depends on their profile, location and experience. The starting salary is approximately Rs. 80,000 per annum with experience it may go up to Rs. 6, 00,000 per year.

Salary (Private Companies India): It can go beyond depends upon the company standard.

Private organizations like tele communication companies, as well as the oil and transportation industry provide opportunities to these students. Organizations like Google, TCS, Infosys, Cognizant, Reliance Industries, Reliance Energy, Cyber Tech System, Geofiny Technology and Magnasoft Technology and Services etc.. have opportunities.



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GIS Internship Research projects:

EcoSpatial Research Technologies offers a wide range of industrial and real time research projects under the supervision of experienced GIS professionals at EcoSpatial Research Technologies.

We organize special training events in areas of high skill requirement. Classroom instructions are available at our centre for accomplishing complex GIS projects. EcoSpatial Research Technologies also provides online GIS project guidance for remotely placed students. The following are few GIS internship research projects,

We have **projects on GIS and Remote sensing** as mentioned below.

Here are few of the GIS project titles and also please check below mentioned link for projects details.

1. Elephant tracking and analysis of Human animal conflict by using GIS
2. Change Detection in Land Use & Cover by Remote Sensing & GIS
3. Water Pollution
4. Real Estate Application for City or Zonal or Local using RS & GIS
5. Crop Acreage and Production Estimation using GIS and RS
6. Wild life management Plants, Animals, Species Etc
7. Air Pollution
8. Urban Sprawl using GIS and Remote Sensing

Duration: 1 to 3 months with Exp letter.

Registration is on first come first serve.