IRES

Indepth Research Institute

Course Catalogue

GIS & Remote Sensing

2023

- Become a recognized expert in GIS Applications
- Enhance you data Visualization Skills with Remote Sensing

CONTENTS

1 People

These courses focus on enhancing individuals skills, knowldge and overall effectiveness within the context of Geographic information Systems(GIS) and Remote Sensing. We believe that the success of GIS and Remote Sensing projects heavily relies on skilled professionals who can efficiently utilize these technologies.

2 Processes

In a rapidly evolving field of GIS and Remote Sensing,optimizing processes is cruicial to achieve accurate and efficient results.Our process improvement courses aims to equip participants with the knowledge and tools to streamline workflows ,enhance data collection and analysis methods and overall effectivenes of GIS and remote sensing projects.

3 Systems & Technnonology

Technological advancements play a pivotal role in GIS and Remote Sensing industry,making it essential for professionals to stay updated with the latest tools and technologies. Our System and Technology courses are designed to provide participants with experience using GIS software and remote sensing platforms.

Course	Description	Audience
GIS And Remote Sensing in Land Cover, Land Change Analysis Course	Learn how to use GIS and remote sensing to analyze land cover and land change. This course will cover the basics of GIS and remote sensing and how to use these tools to map, monitor, and analyze land cover change.	Land use planners and managers Environmental scientists and conservationists Geospatial analysts
GIS And Statistical Analysis for WASH Programmes Course	Immerse yourself in the world of GIS and statistical analysis, tailored specifically for WASH programs. Acquire data-driven strategies to enhance water, sanitation, and hygiene initiatives effectively.	WASH) program managers, GIS specialists & analysts Development professionals and researchers
GIS And Remote Sensing for Sustainable Forest Monitoring and Management	Gain expertise in sustainable forest monitoring and management with our GIS and Remote Sensing course. Discover cutting-edge tools and techniques for informed environmental stewardship.	Forestry professionals and government officials Environmental consultants and researchers
Postgis And Postgresql Course	You will delve into the world of spatial databases, mastering the skills to efficiently manage and analyze geospatial data. Unlock the potential of location-based insights and elevate your data management capabilities.	Database Administrators GIS Professionals Software Developers Data Analysts
GIS Mapping and Spatial Analysis for Monitoring And Evaluation Course	You will master GIS mapping and spatial analysis techniques tailored for effective monitoring and evaluation strategies for data-driven decision-making.	Project Managers, Data Analysts and GIS professionals Government agencies and NGOs Policy Makers
GIS & Remote Sensing in Agriculture, Food Security and Climate Change Course	Elevate your expertise in Agriculture, Food Security, and Climate Change with our specialized corporate training on GIS & Remote Sensing. Harness geospatial data for sustainable solutions and resilience in agriculture.	Agriculture Professionals Environmental and Climate Specialists Government and NGOs
GIS Mapping and Spatial Analysis for Health Sector Programmes Course.	Gain the essential skills to leverage GIS mapping and spatial analysis in health sector programs. Enhance decision-making and resource allocation through data-driven insights.	Healthcare Professionals Public Health Officials Epidemiologists Data Analysts
GIS and Remote Sensing in Mining and Exploration Course	Discover how GIS and remote sensing technologies revolutionize mining and exploration. Join our corporate training to master cutting-edge tools and applications in this dynamic industry.	Mining and exploration professionals Geologists and environmental scientists
GIS in Energy Course	Discover the dynamic potential of Geographic Information Systems (GIS) in the energy sector during this immersive corporate training course. Unleash location-based insights to optimize energy operations.	Energy industry professionals
GIS for Humanitarian Assistance Course	Discover how to utilize GIS tools effectively in humanitarian aid settings. Gain practical skills to map, analyze, and support disaster response operations.	Humanitarian Aid Professionals

② SYSTEMS & TECHNOLOGY

Course	Description	Audience
Esri ArcGIS Certification Workshops and Seminars	This comprehensive program offers invaluable hands-on experience and expert-led guidance, empowering you with the skills to master ArcGIS tools and technologies	GIS Professionals Urban Planners and Environmental Consultants Project Engineers
GIS, Mapping, and Spatial Analysis with QGIS and R Course	This hands-on training will equip you with the essential skills to harness the power of QGIS and R, enabling you to create captivating maps, conduct advanced spatial analyses, and unravel the spatial patterns that shape our world.	GIS Professional Researchers and Analysts
Global Mapper Course	This comprehensive training will empower you with the skills to efficiently manipulate, visualize, and analyze geographic data. Become proficient in Global Mapper and unleash your potential in the field of GIS and mapping.	GIS Professionals and Analysts Environmental and Natural Resource Managers Engineering and Construction Professionals
Web-based GIS And Mapping Course	This training will equip you with the skills to create interactive and dynamic web maps, enabling you to share geospatial insights with a global audience	GIS Professionals and Analysts Environmental Scientists and Researchers NGOs and Non-profit
Development Of Web Based GIS Applications Using QGIS And Opengeo Suite Course	Gain the knowledge and practical skills to create powerful, interactive, and data-driven web-based GIS applications using QGIS and the Opengeo Suite.	Web Developers and ProgrammersGIS Professionals and Analysts Government Agencies & NGOs Environmental Planners
GIS Mapping and Spatial Analysis using ArcGIS Desktop Level 1 course	Obtain the essential skills to confidently navigate ArcGIS Desktop, empowering you to create detailed maps, conduct insightful spatial analyses, and unravel complex geographic patterns with ease.	GIS Technicians and Analysts Environmental and Urban Planners Natural Resource Managers Researchers and Data Analysts
MapInfo Professional Course	Master the art of harnessing MapInfo's powerful geospatial tools, empowering you to analyze, visualize, and make data-driven decisions with precision and confidence.	GIS Professionals Urban planners and environmental specialists, Business professionals Geologists, surveyors, and engineers
Digital Image Processing using ENVI Course	Learn how to effectively utilize ENVI's cutting-edge tools to extract valuable insights from satellite and aerial imagery to make informed decisions and solve real-world challenges.	Earth scientists and environmental engineers Geospatial analysts Government agencies and organizations
Development of Web-Based GIS Applications using ArcGIS Server API 3. X For Javascript Course	Gain the expertise needed to create interactive and dynamic GIS applications using the powerful ArcGIS Server API 3. X for JavaScript. Build cutting-edge spatial solutions and unlock the full potential of geospatial data on the web.	GIS developers and programmers GIS professionals and analysts
Advanced GIS Server Administration (GeoServer II) Course	You will delve into the intricacies of GeoServer, mastering advanced administration techniques to optimize performance, ensure seamless data integration and maintain the reliability of your GIS infrastructure.	Experienced GIS administrators and IT professionals GIS analysts and specialists

Course	Description	Audience
Fundamentals of GIS and Remote Sensing Course	Unlock the power of spatial data with our tailored GIS and Remote Sensing workshops. Equip your team with practical skills to make data-driven decisions with confidence.	All Departments
GIS Data Collection, Analysis, Visualization and Mapping Course	Master essential techniques to harness geospatial data effectively for informed decision-making and innovative mapping solutions. Unlock the power of GIS tools and enhance your team's spatial data skills.	All Departments
GIS & Remote Sensing Course in Resource Management Course	Discover the power of GIS & Remote Sensing in Resource Management with our comprehensive corporate training. Master data analysis and spatial technologies for informed decision-making.	All Departments Natural Resource Managers Government Agencies
GIS and Remote Sensing in Environmental Management, EIA and Audit Course	You will gain practical insights into the powerful applications of GIS and remote sensing in environmental management, environmental impact assessment (EIA) and environmental audit processes	Environmental Professionals Regulatory Bodies
Project Design and Management Training Course	Acquire the expertise to efficiently plan, execute and oversee projects. You will develop the skills needed to optimize project outcomes, align with organizational objectives and navigate complex technical challenges.	All Departments
Report writing and Presentation course	Acquire essential techniques for writing impactful reports for diverse audiences. Refine presentation skills with hands-on practice and expert guidance, resonating with both technical and non-technical listeners.	All Departments
Strategic Planning and Implementation Course	You will enhance your abilities to make informed decisions, mitigate technical complexities, and drive successful outcomes in today's dynamic business landscape.	All Departments
Leadership and Management Course	Through interactive learning and real-world scenarios, you will master the art of fostering collaboration and achieving optimal performance across technical and non-technical teams.	All departments
Effective Communication and public speaking course	Through interactive workshops and tailored feedback, you'll develop a compelling communication style that empowers you to effectively convey your expertise and ideas in any professional setting.	All departments
Time Management and Personal Effectiveness Course	Through practical strategies and personalized coaching, you will master time-saving techniques, prioritize tasks efficiently and enhance your overall effectiveness in tackling complex projects.	All departments

Thank you for exploring our comprehensive course catalogue on development courses in GIS and remote sensing. We hope you found the selection of courses insightful and valuable in advancing your skills and knowledge in this dynamic field.

We are delighted to inform you that our offerings extend beyond what is presented in this catalogue. To discover the full range of courses we provide, we invite you to visit our website. There, you will find an extensive collection of specialized courses tailored to meet your specific needs and interests.

Whether you are seeking to delve deeper into advanced GIS techniques, explore cutting-edge remote sensing technologies, or expand your expertise in related fields, our website offers a wealth of opportunities for your professional development journey.

CONTACT US

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