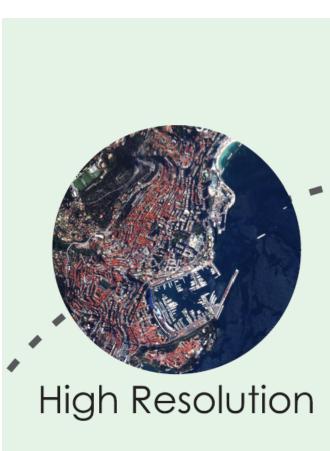
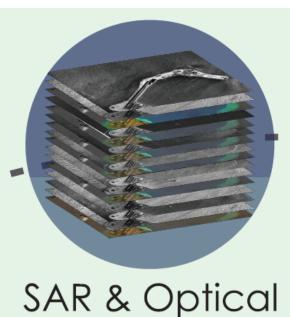


Geo-Enabling Our Education System







Near Realtime



Suhora Vision and Mission





Vision

Use Technology to create a Sustainable Planet.

Mission

To become leader in 3M (Monitoring, Mapping & Managing) of Assets using Space Technology, AI, Big Data and Strategic Technologies.

Importance of Geospatial Technology in SDGs



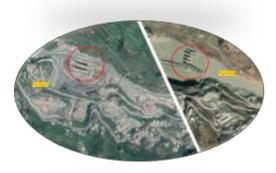
Much more than a system for capturing and organizing positional data

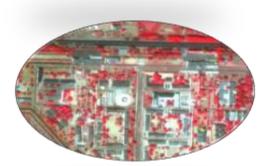
Adaptation of Spatial problem-solving approaches in development sectors like



- Urban planning and governance
- > Planning, decision making and monitoring
- Mapping of health, school and other facilities
- Vulnerability assessment surveys in disaster prone areas
- Climate Change
- Hydrology
- National Security
- Agriculture
- Minning
- > Power
- Communication



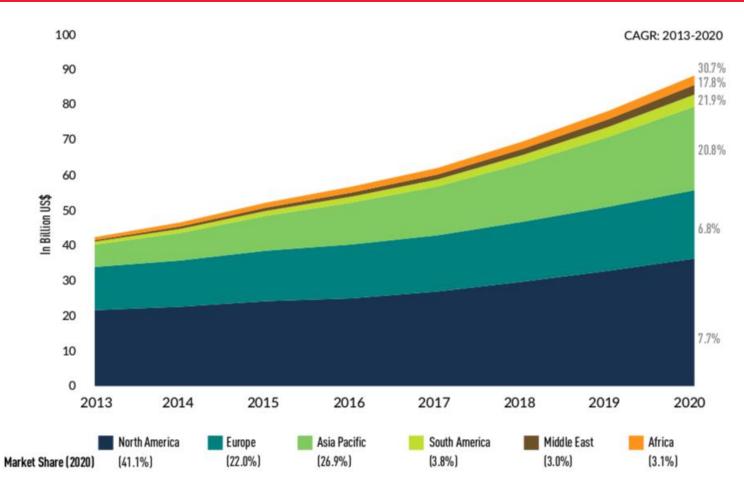




Growth in Geospatial Sector







Projected 33% increase in geospatial jobs (CAGR) in recent future

In India, it is expected to touch 10 lakh (1 million) jobs by 2025

Importance of Geospatial Education SUHORA space analytics simplified





Current curriculum emphasize training on traditional techniques

- Spatial analysis
- Modeling

Recent trends in geospatial sectors demands on trending technologies

- Cloud computing
- Machine Learning
- statistical modeling
- Deep Learning logic
- IoT networking
- Big Data

Trending technologies generate requirement of different combined skillset

- Application programmers
- Analysts
- Data scientist
- Geo-web programmers
- Geo-Al experts
- SAR, LIDAR remote sensing experts

Statistical Survey on Skill Gap



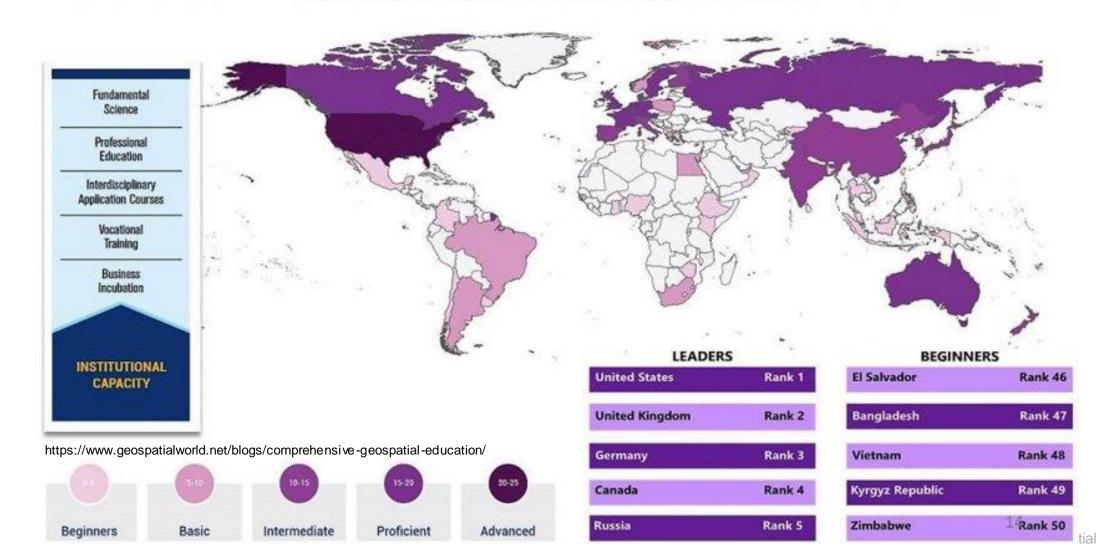


Categories	% of professional agreed
Existing skill gap in current geospatial workforce	80%
Workforce not equipped to technology like AI & ML	52%
Companies not equipping with the digital age of Al and automation	44%

India & Developing Countries Context Supering Su



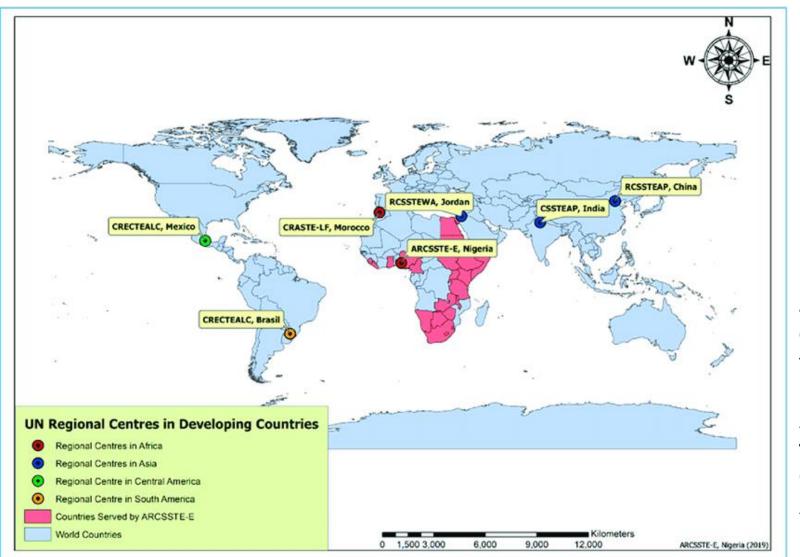
INSTITUTIONAL CAPACITY



Program on Space Application Space analytics simplified







Awareness of geospatial education arisen through efforts of the the Programme on Space Applications (PSA) of **United Nations** Office for Outer Space Affairs (UNOOSA)

Challenges in geospatial education SUHORA



- Limited educational institutes are offering technical courses on geospatial and space based education
- > Students are not getting proper in-hand training due to shortage of hard wards and soft wares.
- Course in not bridging the gap between academic curriculum and industrial objectives.
- Lack of reliable base data
- Awareness of open source data
- > Awareness of open source software
- > Lack of realistic training module

Comparison with Developed Countries



Recent trends in geospatial education in developed countries as per the current demand in geospatial sectors

- Big data analyst for data democratization
- •Developer, processor and analyzers for IoT Sensors
- Popularizing cloud data hosting and processing
- •AI/ML experts
- Expertise in wireless and web networks

Global Distribution of Artificial Intelligence Talent



(Shuai, 2019)

How to bridge the gap?





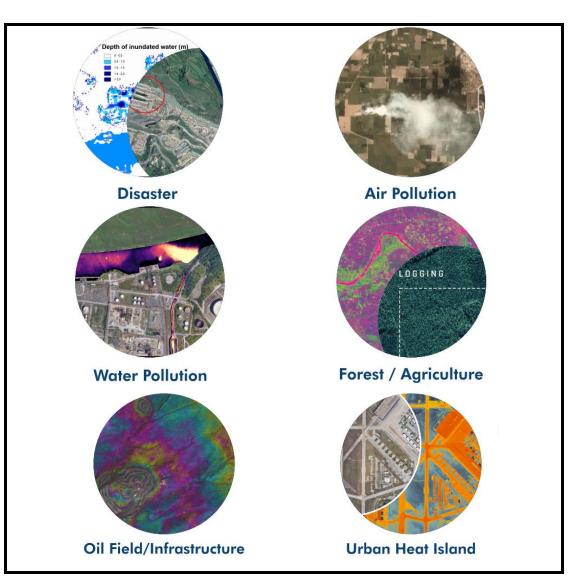
- Webinars
- ➤ Workshops and trainings
- Massive Online Open Courses
- > Teacher's guides
- > Fellowships
- > Curriculum
- > Partnership creation

Suhora's Focus towards SDG









Role of Suhora in Creating a Geoenabled Skillset



SUHORA's Initiative for Geospatial Education



Networking



Developing PR professional Group



Tools



Data intensive science



Training/Education



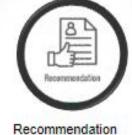
Publication



Job creation



Research



Open Data Hub





What is different?

Institutes/Organizations can access commercial satellite data for training and

research purposes for requested time frame.

Data Hub contains

High resolution SAR data (spatial/temporal)

High resolution optical data (spatial/temporal)

High terrain model



Role of Suhora in Creating a Geoenabled Skillset



Training of GIS and Remote sensing open software

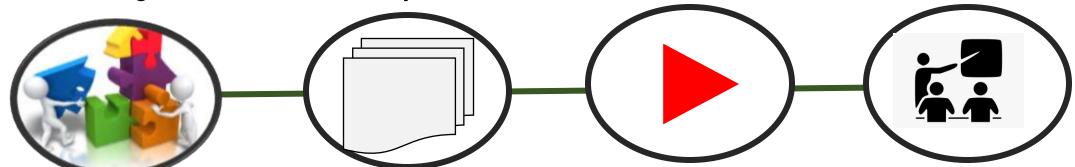
- QGIS
- GRASS
- SAGA
- Orfeo Toolbox
- GEOSERVER
- LEAFLET
- MultiSpce
- GvSIG
- Sentinel Toolbox
- GDAL

Role of Suhora in Creating a Geoenabled Skillset



Suhora toward developing advanced geospatial skillset

- Supporting the development needs of students, institutions and other agencies in the area of geo-spatial courses
- A Open Data Hub for data intensive education
- Technical training videos conceptual and realistic
- Enabling TOT activities in Kenya and Greater Africa.



How to Register





Please fill the registration form: https://forms.gle/jwCShxh8NK4kMUKWA

- Select the service you want to have
- Describe in few words
- Provide some mandatory inputs to contact you back

The registration link is active. We'll revert with the next steps.

Proposed Goal and Target Area





Drive awareness and engagement with youth and other publics aspiring to learn and participate in space-related activities that are in the context of opportunities especially for Africa and other developing countries in the emerging new space economy.

Team Suhora thanks you...





Rupesh Kumar CTO and Co-Founder



Amit Kumar
COO and Co-Founder



Krishanu Acharya CEO and Co-Founder