

GEOMATICS ENGINEERING SOCIETY (GES)

YOUTHMAPPERS CHAPTER

YouthMapper Mapping Metrics Award, 2021



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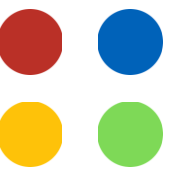


About GES

- Founded in 2008 by Geomatics Engineering students at Kathmandu University.
- Non-profit and non-political departmental club.
- Promotes geospatial science, open mapping, and skill development.
- Official **YouthMappers Chapter** connecting students to global mapping initiatives.
- Engages in community outreach and innovative projects for societal impact.

GES has been instrumental in bridging the gap between academia and practical applications of geomatics. With a focus on empowering youth and leveraging **geospatial technology** for societal impact, GES continues to inspire and lead the next generation of engineers and innovators.





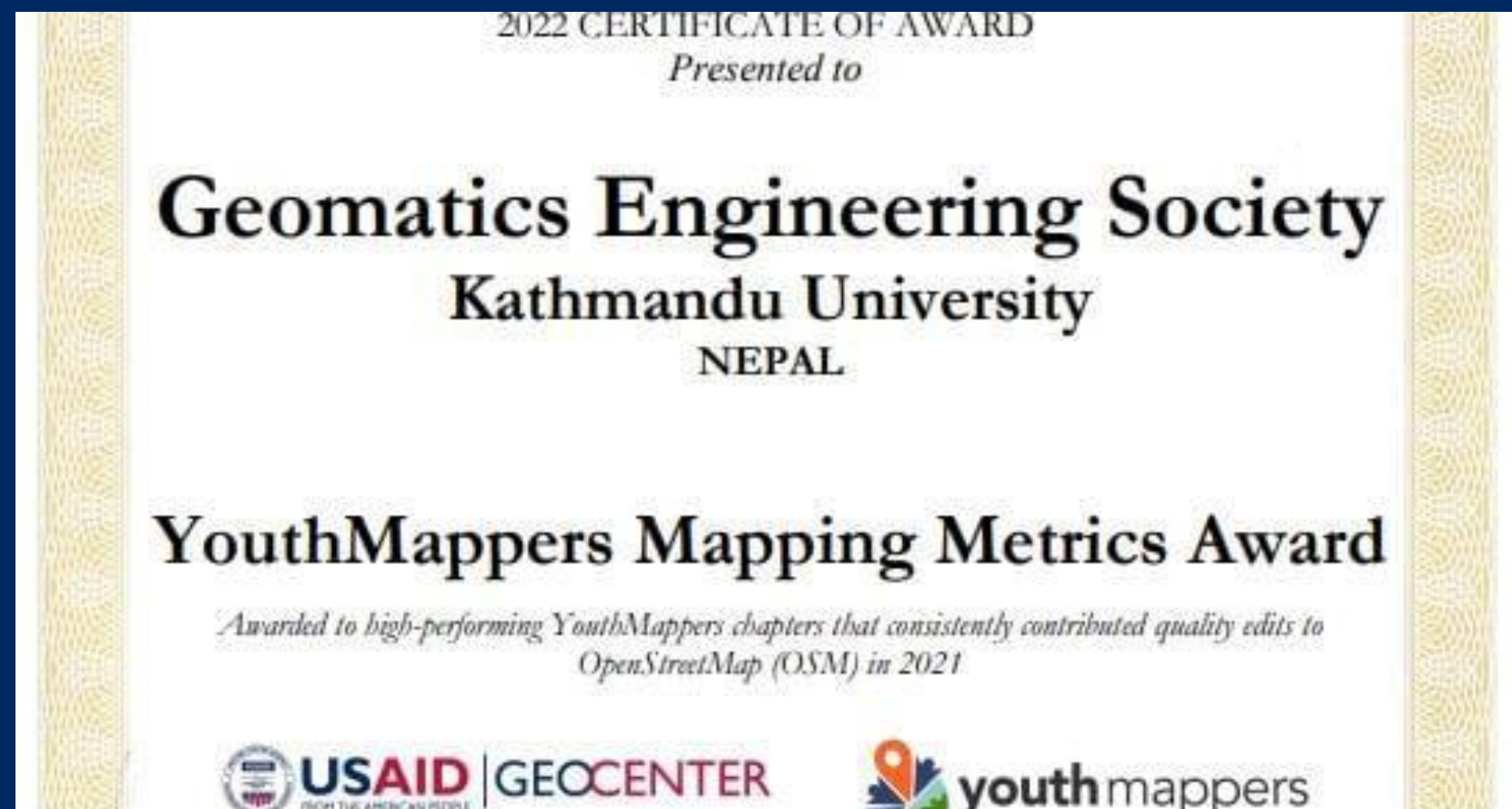
Key Achievements

Driving Innovation in Open Mapping

- **Recognized as a YouthMappers Chapter, contributing to global open mapping.**
- **Organized impactful training sessions on geospatial tools and technologies.**
- **Conducted community mapping initiatives to address local challenges.**
- **Promoted open data solutions through collaborations and publications.**



Recognitions & Grants



- Secured a booster grant for mapping the indigenous community of Nepal (Chepang Community).
- Awarded as one of the Top OSM Editors of 2021 by YouthMappers.
- Secured a booster grant for mapping projects in Banepa Municipality.

Training Programs



Hosted online and in-person workshops on geospatial tools, including:

- Google Earth Engine (GEE) for data visualization and analysis.
- Mapping tools like Umap and Overpass Turbo (basic to advanced levels).
- Exploring the OSM Ecosystem: YouthMappers Training in mapping and Beyond

Community Mapping Initiatives



A Case Study On Urban Rooftop Farming Using Geospatial Technology

BoosterGrantee:



Supported By:



- Conducted map literacy programs in schools to promote geospatial awareness.
- Organized a mapathon on World Environment Day 2021, focusing on sustainable urban infrastructure.

Collaborative Projects



- Collaborated with local and international organizations like Open Mapping Hub-Asia Pacific, NAXA and other organizations for training and feedback sessions.

Publications and Awareness



- Published GeoSpace, an annual magazine featuring Geo-ICT advancements, critical land issues and open mapping.

A dark blue world map is centered on the background. The map shows the continents of North America, South America, Europe, Africa, Asia, and Australia. A thin white horizontal line is positioned above the text.

THANK YOU!
