

MIMU



Myanmar Information
Management Unit

Canada

Myanmar Information Management Unit/MIMU

UN Resident and Humanitarian Coordinator's Office

Overview of Geospatial Courses in Myanmar Universities

May, 2018

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What is the Myanmar Information Management Unit / MIMU?

- ***A Service***, established in 2007 to strengthen the analysis and decision-making
- Part of the UN Resident and Humanitarian Coordinator's Office
- Provide information services and products
- Targets humanitarian and development actors in Myanmar

INFORMATION SERVICES

MAPPING

INDICATOR TRACKING

CAPACITY BUILDING

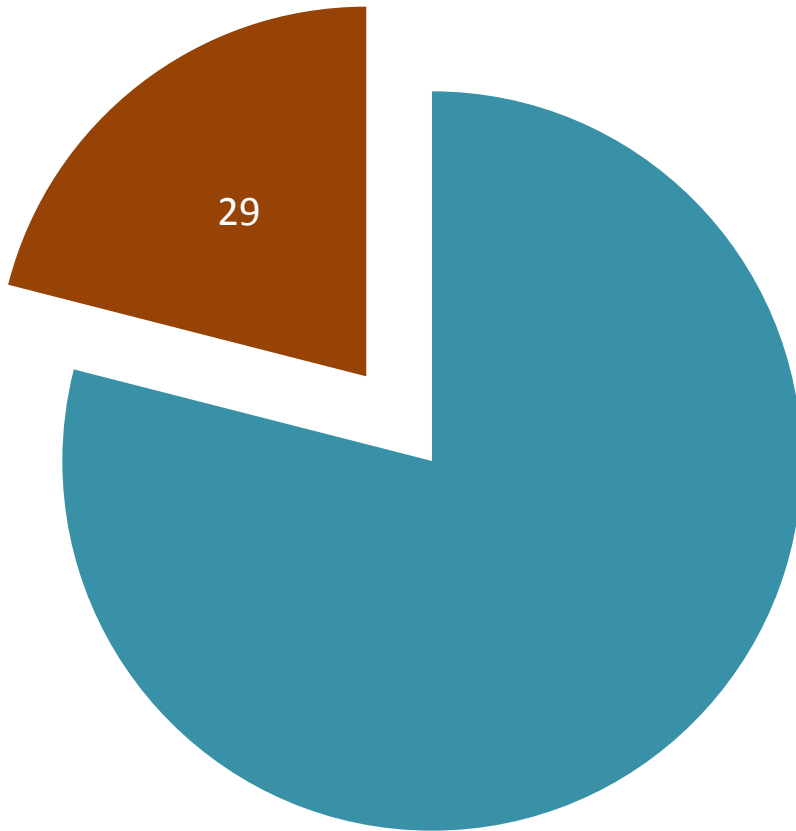
IM NETWORK

DISSEMINATION

About the Survey

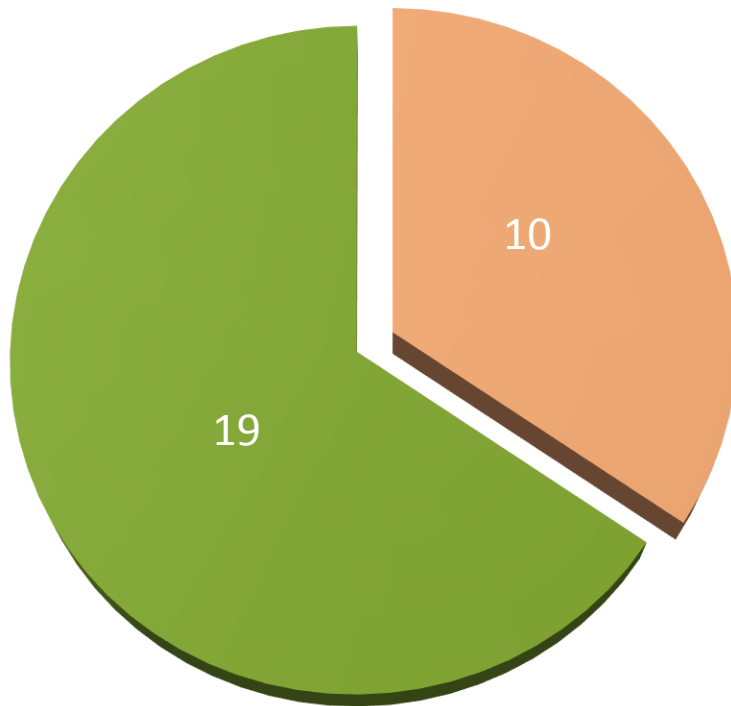
- *In preparation of the symposium*
- *Which universities are doing what and where*
- *Data collection in April and May 2018*
- *25 responding universities*
- *Details in the booklet*

Geospatial Courses in Universities



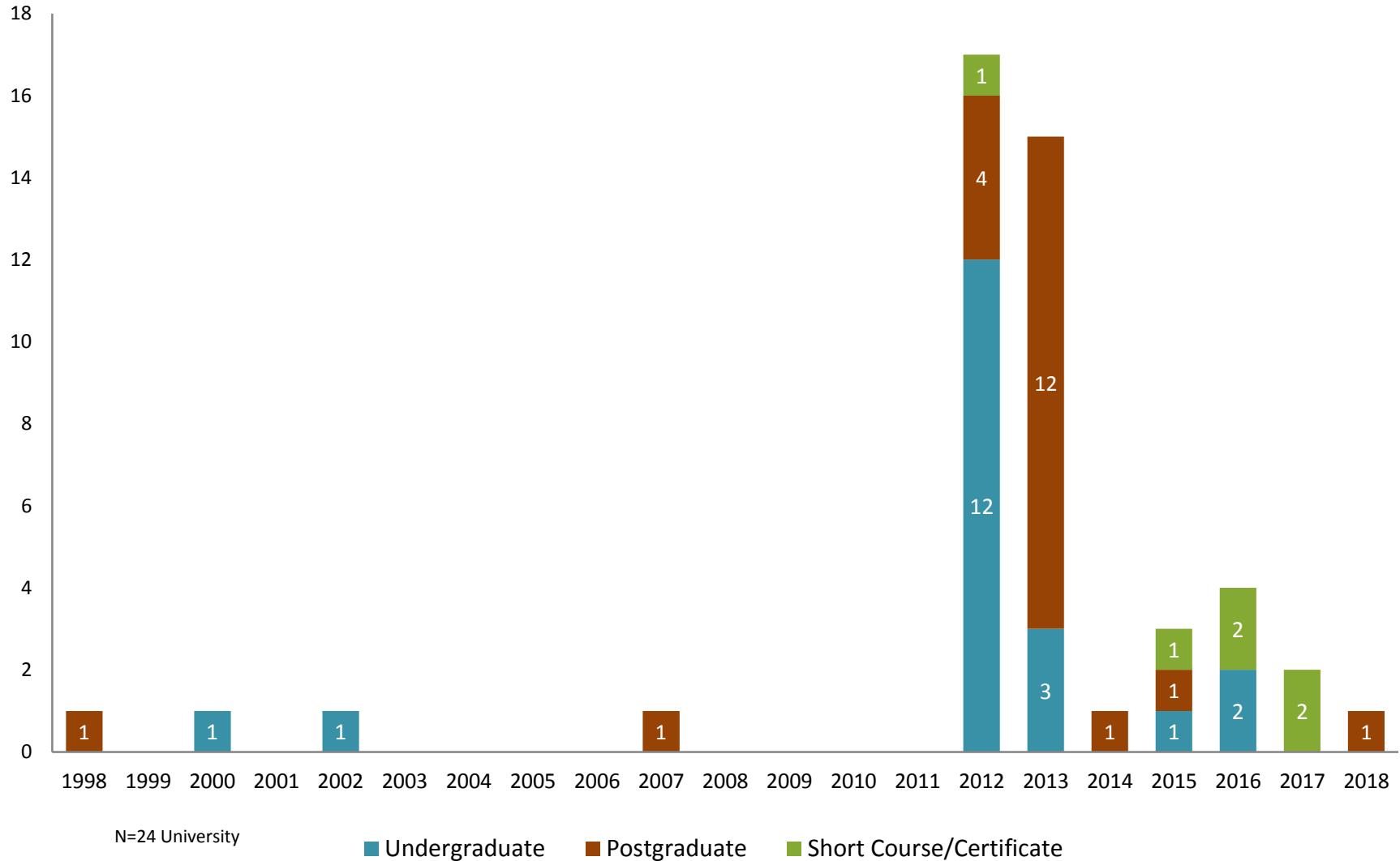
- **134** universities in Myanmar
- **29** universities provide geospatial related courses

Geospatial Courses in Universities

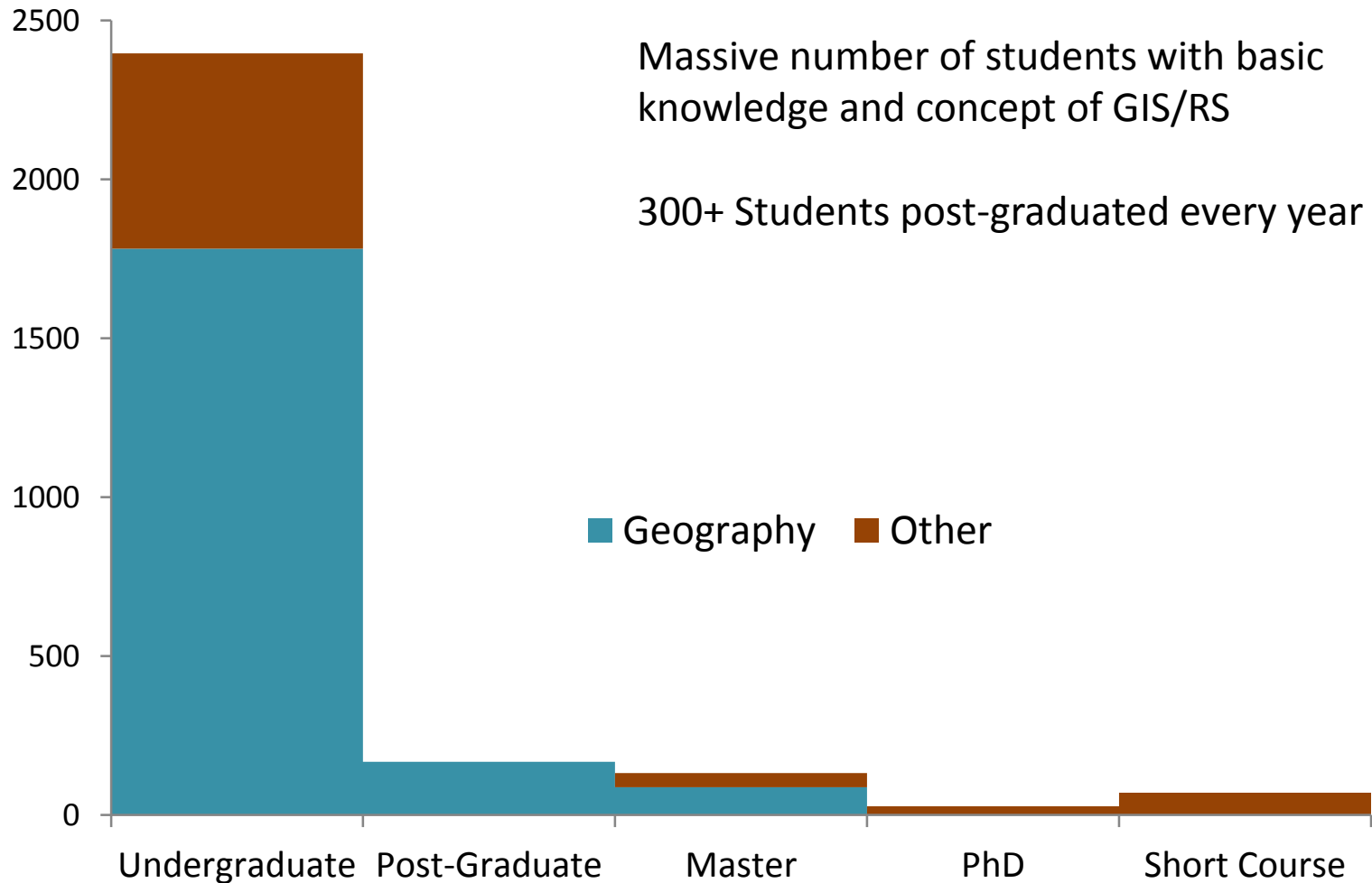


- **2/3** of the geospatial courses are in Geography Department
- Other Departments:
 - Aerospace
 - Agriculture
 - Computer Science
 - Forestry
 - Maritime
 - Technological

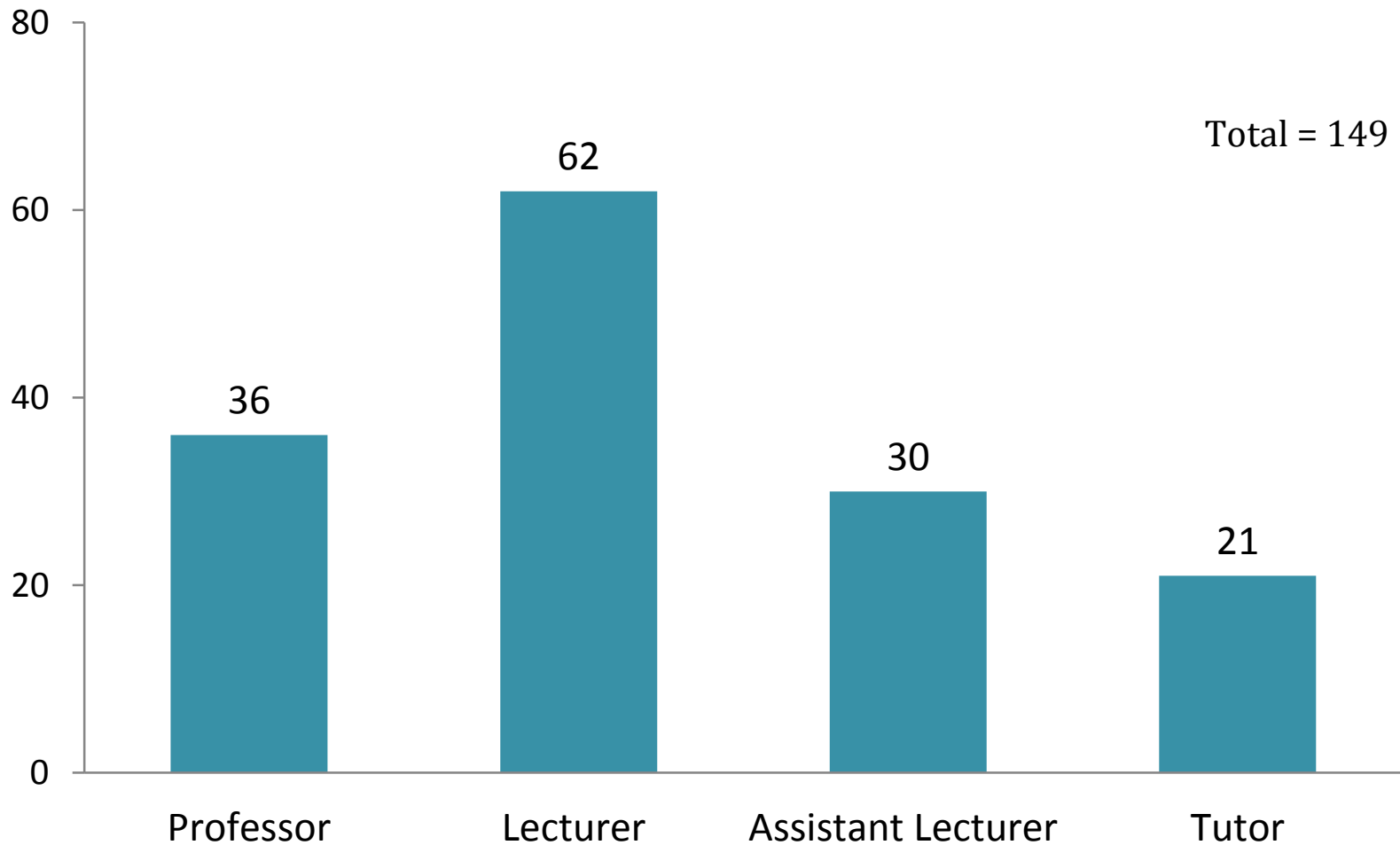
Launching of GIS/RS Courses in Universities



No of students trained in 2017-2018



Teaching Capacity in GIS/RS 2017-2018



Teaching capacity (continued)

Average Number of Teachers per university

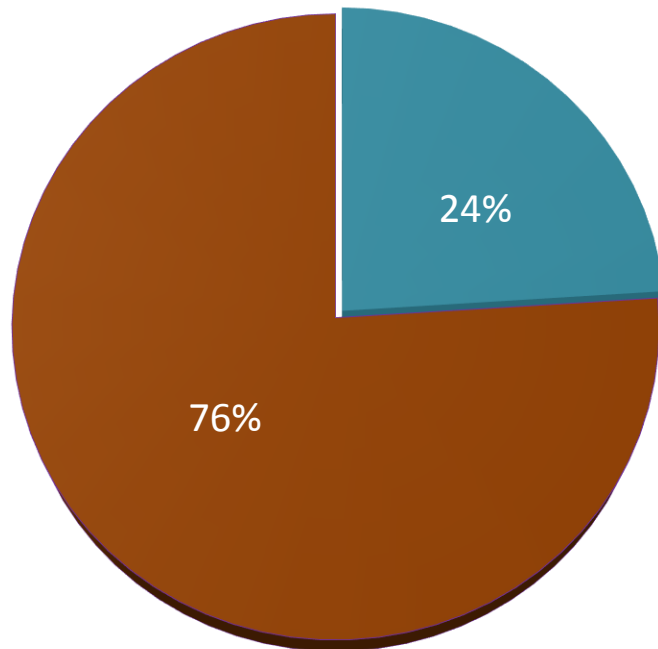


STUDENT/TEACHER RATIO

Number of Students for 1 teacher



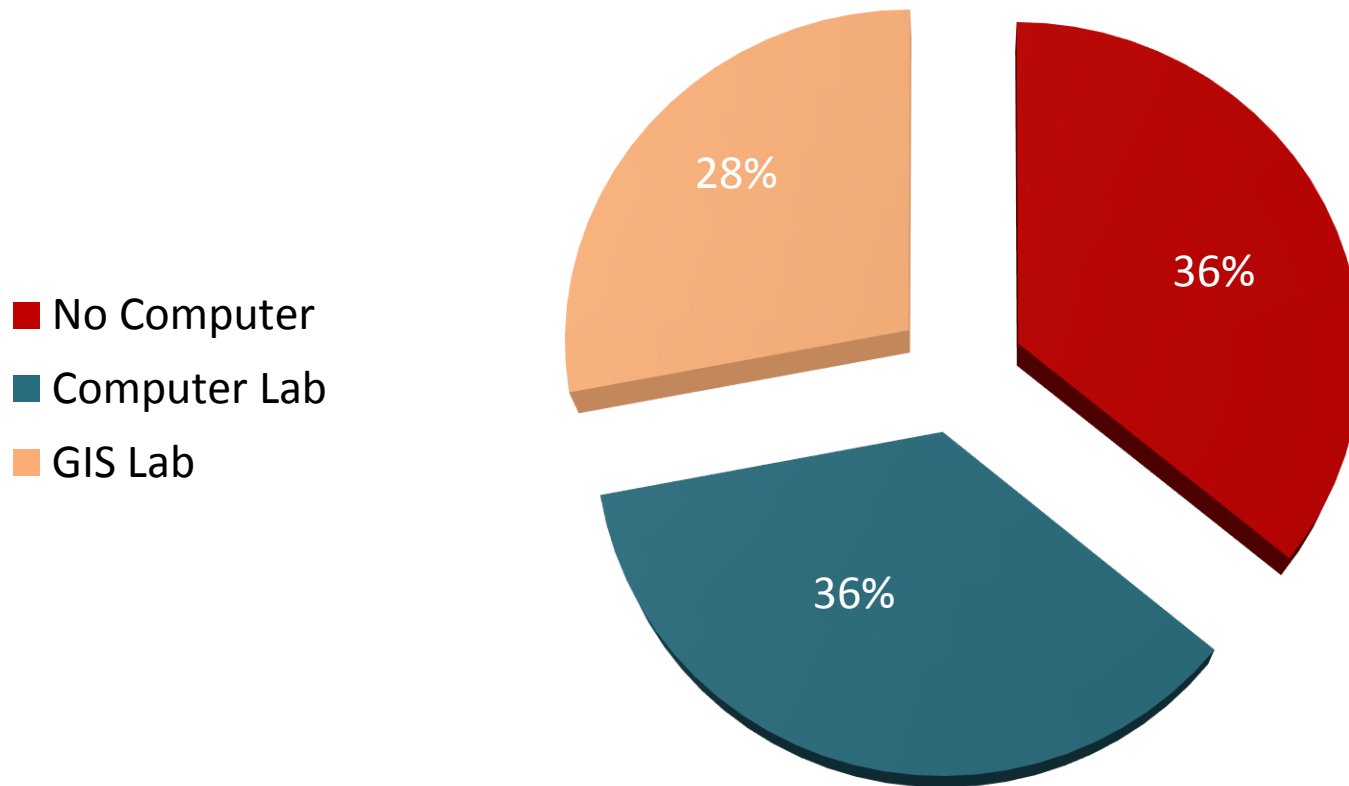
Refresher Courses for Lecturers



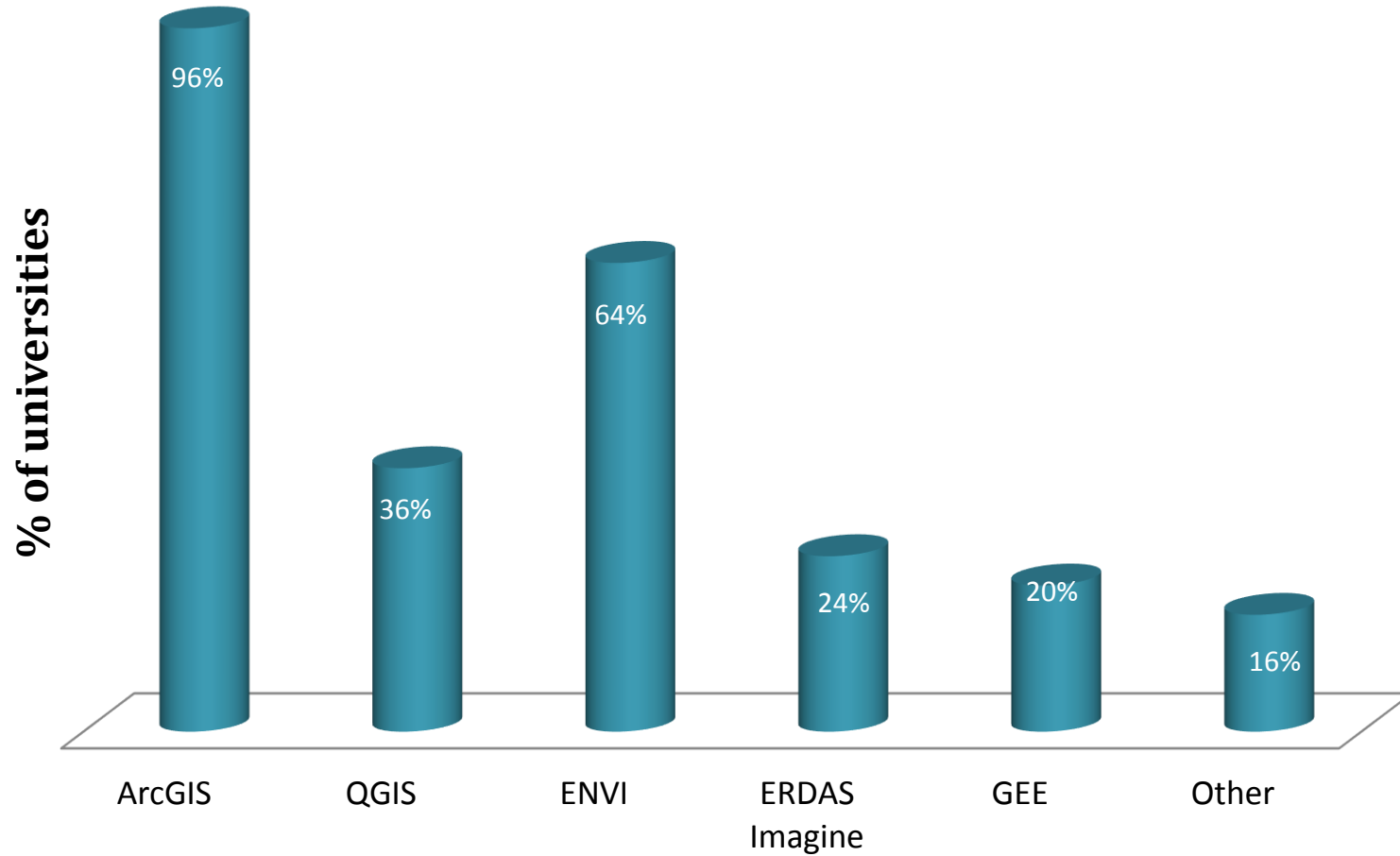
■ NO ■ YES

Provided internally or by other university (YU, YTU)
Limited online courses
Limited private sector involvement

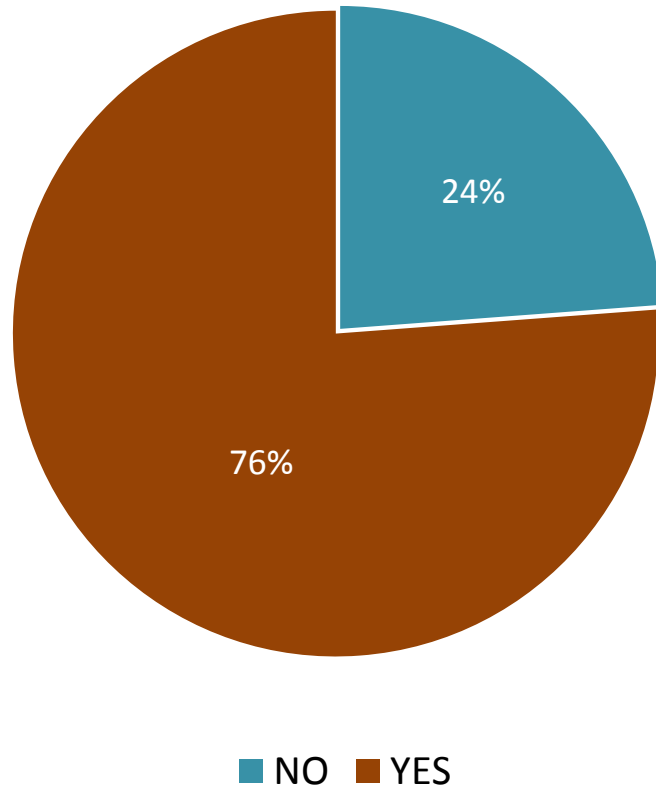
No. of Computer Labs



GIS/RS Softwares used by universities



Current Research Projects



Only 3 universities with PhD students

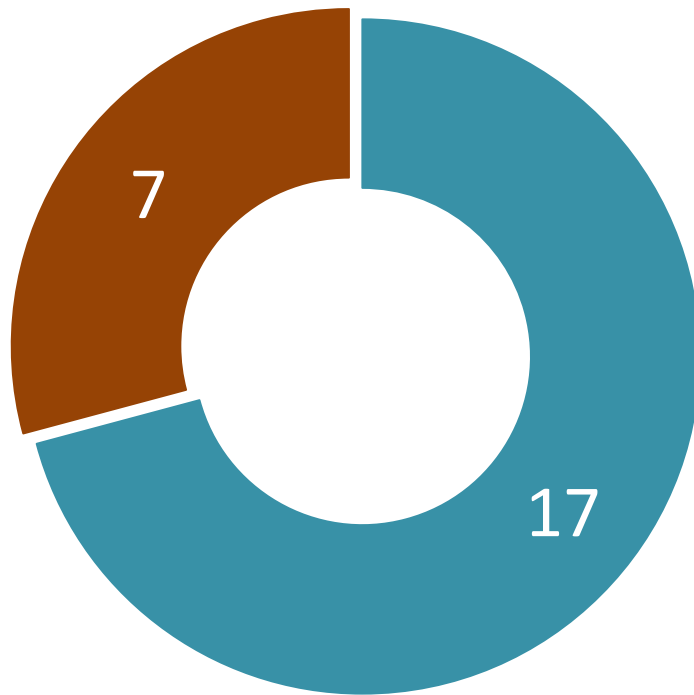
Reported research undertaken by teachers

Themes:

- Land Use /Land cover
- Agriculture
- Engineering
- Environment
- Disaster Management
- Health Care
- Hydrology
- Infrastructure and Transportation
- Marine & Coastal
- Urban Planning

International Partnership

International Partnership



■ NO ■ YES

Axis of Collaboration:

- Students Exchange
- Technical input
- Research Project
- Funding

Conclusion

An young and diversifying offer

- Boomed in 2012-13
- Growing demand and increasing teaching offer
- Predominance of Geography Department with growing number of other departments, especially Technological (engineering) and Computer Sciences (ITC), which uses new technologies such as RS, mobile application and web mapping
- High number of students with low level of GIS/RS fundamentals, limited number with post-graduate degrees, only 3 universities with PhD degree
- Emergence of short courses for professionals

Challenges

- Theoretical courses are predominant over hands-on exercises
- External refresher courses opportunities for teachers are limited
- Equipment and material are limited in most cases
- Little engagement with external partners

Thank you