

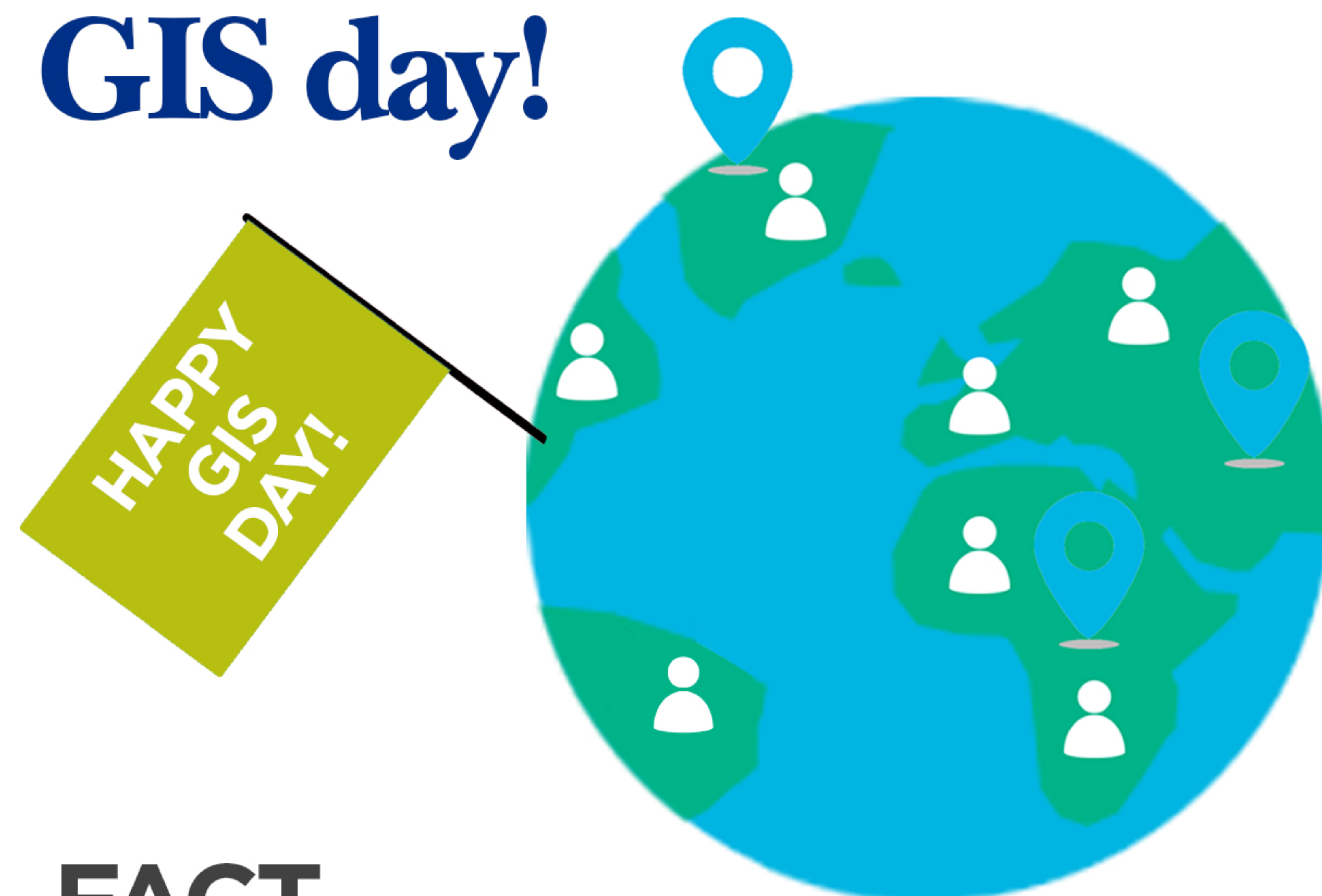
what is GIS?

Geographic Information Systems or GIS is a system designed to capture, store, manipulate, analyze, manage, and present all types of geographically referenced data (Wikipedia, 2011).

GIS helps us understand what belongs where. It is particularly helpful for CRS' development and humanitarian work worldwide as a tool that can save time and make projects more efficient and effective.

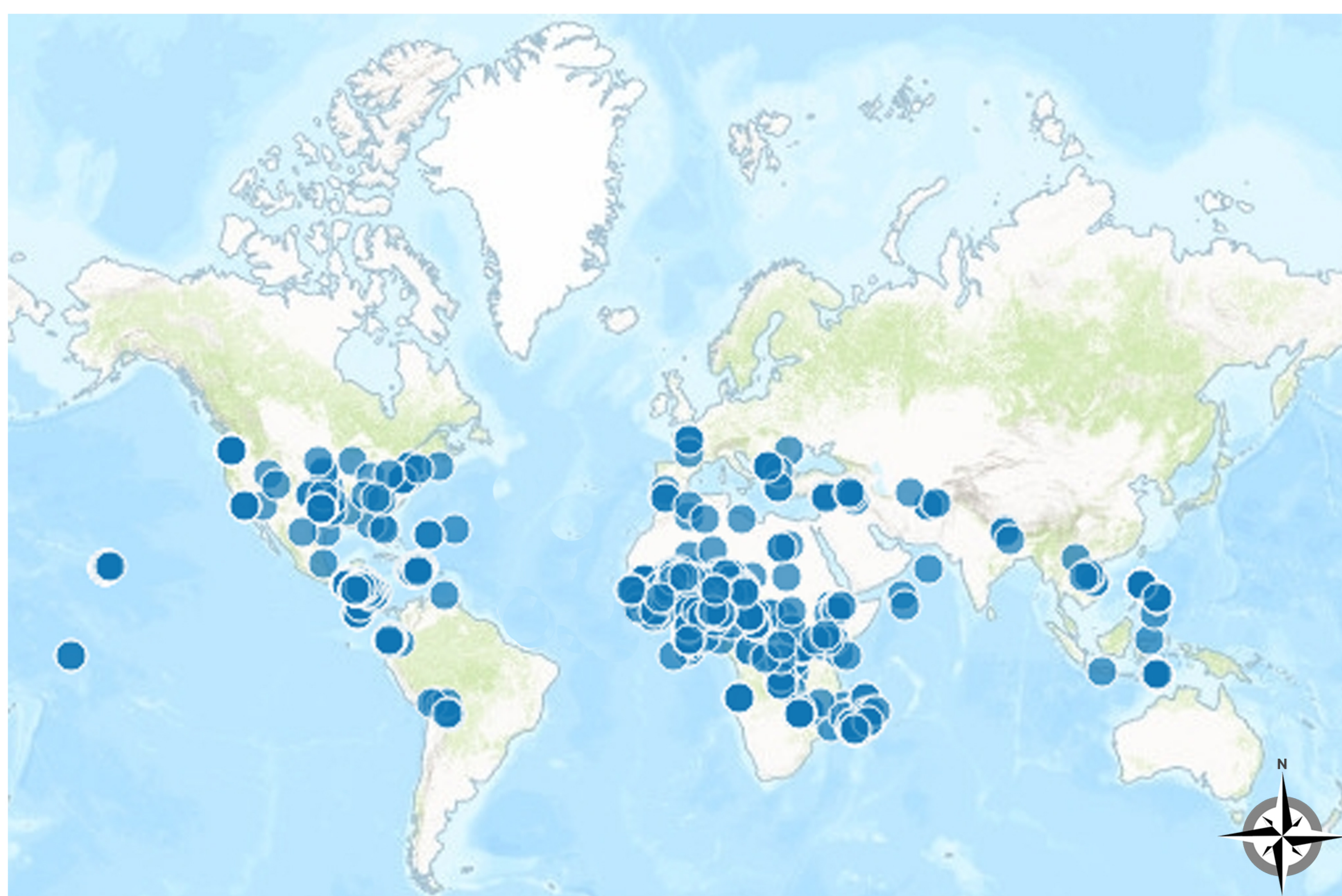


november 16 is GIS day!



FACT

GIS Day was first celebrated in 1999 and it is held every third Wednesday of November each year.



AT CRS...

558 
MAPS CREATED
IN FISCAL YEAR 2016

FROM

93 
CONTRIBUTORS

OUT OF

220 
CRS STAFF
USING GIS

using GIS to make a difference at CRS

Reaching the most vulnerable

A 1000-day program to fight malnutrition in Madagascar seeks to feed women and children on a monthly basis over the 5-year lifecycle of the project.

GPS coordinates of beneficiaries were used to find a more optimal distribution sites while considering topography and walking time in reaching the sites.

Consistent attendance, increased from 75% to 95%, while decreasing their walk times decreased by 50%. This means that beneficiaries are now getting more access to nutrition that they need to overcome malnutrition.



Engaging communities

Few years after Typhoon Haiyan, CRS Philippines initiated a Disaster Risk Reduction Project in Eastern Leyte.

Community volunteers from the two municipalities made use of ArcGIS Collector to plot key resources, evacuation centers, and hazards.

It now serves as the local governments' primary information base that help them design inclusive evacuation routes, effective early warning systems, and preposition relief goods.

