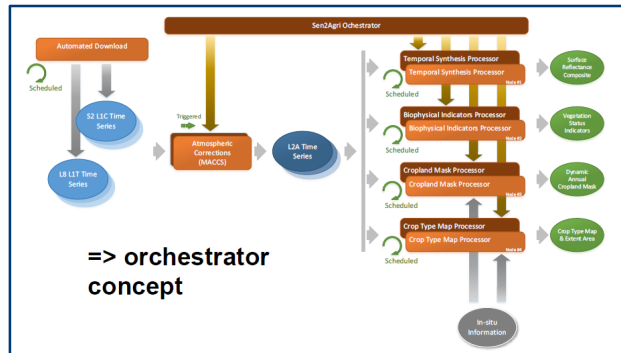


Task Team on Earth Observation data

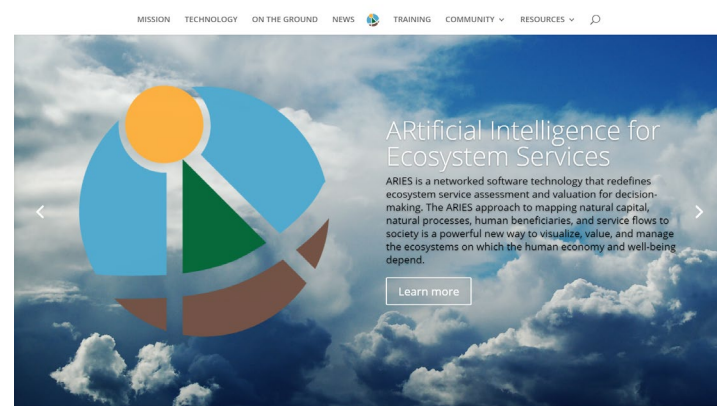
- o Handbook
- o Training materials
- o Online training course

Sen2Agri



Crop statistics

ARIES



Environmental Economic Accounting



Task Team on Mobile Phone data

2nd Handbook on specific thematic areas:

- Displacement and disaster
- Dynamic population
- Information Society
- Migration
- Tourism
- Transportation and commuting

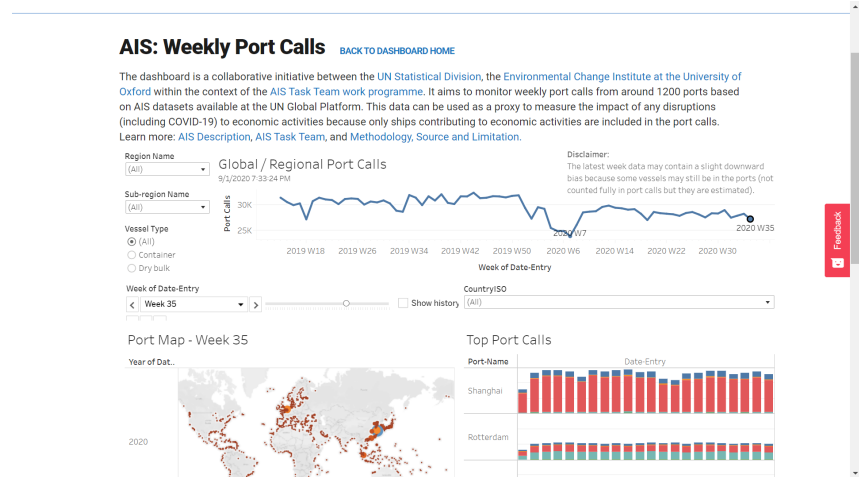
Paper on “Maintaining public trust in use of mobile phone data in times of COVID-19”

Online training course



Task Team on AIS data

- o Handbook
- o Training materials
- o Weekly port calls
- o AIS Hackathon
- o Online training course

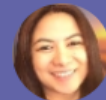


Automatic Identification System (AIS):

- ships frequently exchange information on their location and navigation status utilizing a radio signal,
- facilitates safety and traffic management

Dynamic Information (such information is **automatically** transmitted every 2 to 10 seconds depending on the vessel's speed and course while underway and every 6 minutes while anchored from vessels equipped with Class A transponders)

- **Maritime Mobile Service Identity number (MMSI)** - a unique identification number for each vessel station ([the vessel's flag can also be deducted from it](#))
- **AIS Navigational Status** ([read more on the subject](#))
- **Rate of Turn** - right or left (0 to 720 degrees per minute)
- **Speed over Ground** - 0 to 102 knots (0.1-knot resolution)
- **Position Coordinates** (latitude/longitude - up to 0.0001 minutes accuracy)
- **Course over Ground** - up to 0.1° relative to true north
- **Heading** - 0 to 359 degrees
- **Bearing at own position** - 0 to 359 degrees
- **UTC seconds** - the seconds field of [the UTC time when the subject data-pack](#)



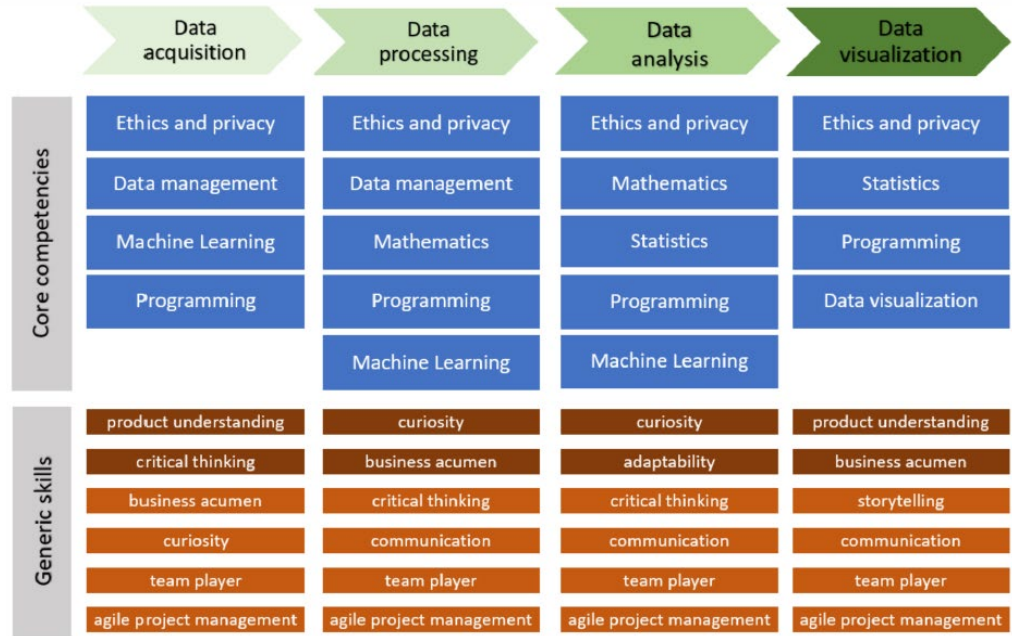
Catheryn, Clare
Hi, Karoly. Im wat
have reached 275

Static & Voyage related Information (such information is provided by the subject vessel's crew and is transmitted every 6 minutes regardless of the vessel's movement status)

- **International Maritime Organisation number (IMO)** - note that this number remains the same upon transfer of the subject vessel's registration to another country (flag)
- **Call Sign** - international radio call sign assigned to the vessel by her country of registry
- **Name** - up to 20 characters
- **Type** (or cargo type) - [the AIS ID of the subject vessel's shiptype](#)
- **Dimensions** - approximated to the nearest metre (based on the position of the AIS Station on the vessel)
- **Location of the positioning system's antenna on board the vessel**
- **Type of positioning system** (GPS, DGPS, Loran-C)
- **Draught** - 0.1 to 25.5 metres
- **Destination** - up to 20 characters
- **ETA (estimated time of arrival)** - UTC month/date hours:minutes

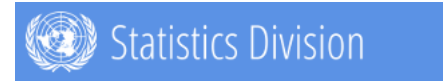
Task Team on Training, Competencies and Capacity Development

- Institutional readiness assessment
- Competency framework
- Maturity Matrix
- Moodle LMS
- Training curriculum





UN Global Platform and its network of experts





Cloud Services

AWS

Google Cloud

Alibaba

MS Azure

Data

AIS data

Satellite data

ADS-B data

Scanner data

Services

Location

Method

Developer

Code (GitLab)

Support Services

Okta

CloudFlare

Zoho

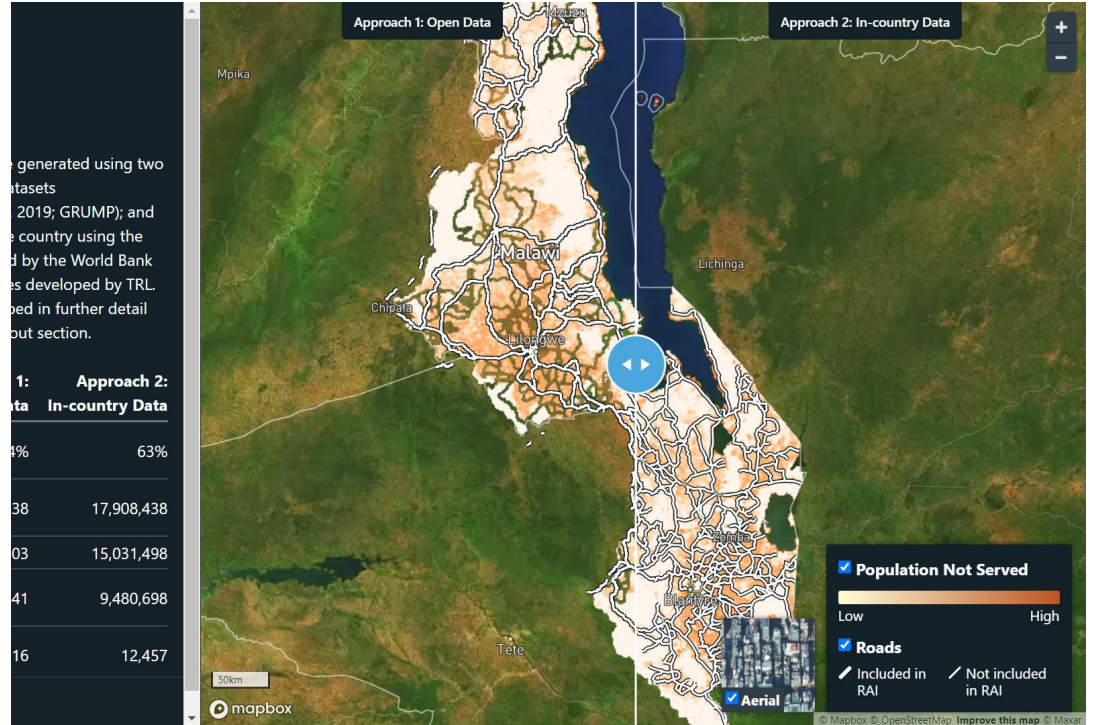
Google Suite

UN Global Platform and its network of experts

- PROJECTS
 - Satellite data for Crop statistics: Senegal
 - .Stat for data dissemination: Cambodia
 - RAI for SDG 9.1.1: Malawi
 - Scanner data for CPI: Mauritius
 - Mapping of Slums: Lagos, Nigeria

UN Global Platform projects

- Satellite data for Crop statistics: **Senegal, Uganda**
- .Stat for data dissemination: Cambodia, **Ethiopia**
- ARIES for ecosystem services assessment
- RAI for SDG 9.1.1: **Malawi**
- Scanner data for CPI: **Mauritius**
- Mapping of Informal Settlements **Lagos, Nigeria**





Thank You

 **Big Data** UN Global Working Group

TASK TEAMS ▾

MEETINGS ▾

UN GLOBAL PLATFORM



UN Big Data For Official Statistics

Exploring the use of Big Data for official statistics to meet the expectation of society for enhanced products and improved and more efficient ways of working



NEWS



DOCUMENTS