

# EO 4 Ecosystem Accounting 2022



## Land Account SENEGAL 2010-2015

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→ THE EUROPEAN SPACE AGENCY

**ANSD**  
Agence Nationale de  
la Statistique et de la Démographie



**ONU**  
Nations Unies

- **Capacity building**
- **Development of a national plan for the advancement of economic and environmental accounting**
- **Compilation of SEEA accounts**

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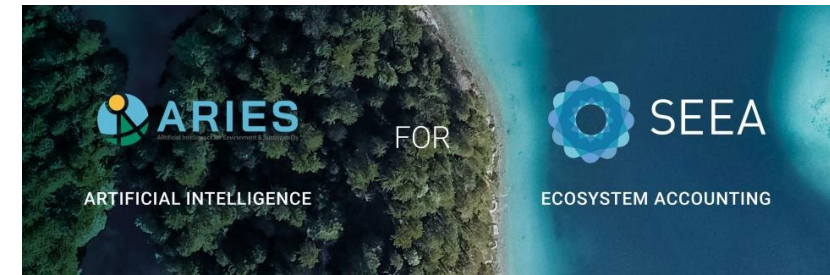


- **National Agency of Statistics and Demography (ANSD);**
- **Department of Planning and Environmental Monitoring (DPVE);**
- **Department of Water and Forests, Hunting and Soil Conservation (DEFCCS);**
- **Ecological Monitoring Center (CSE);**
- **National Agency for Spatial Planning (ANAT);**
- **Department of Water Resources Management and Planning (DGPRE);**
- **Institute of Environmental Sciences (ISE)**



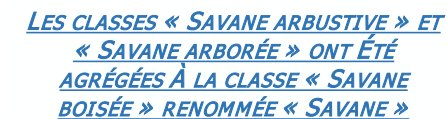
## 2. CAPACITY BUILDING AND WORKSHOPS

- Training workshop on the ARIES for SEEA Explorer tool, August 24 to 25, 2021
- 4 technical work meeting to harmonize the classification, October 12 to 27, 2021
- Workshop for the build of the land account, November 08 to 12, 2021
- Online capacity building sessions on the ARIES for SEEA Explorer tool, every Thursday over the period from February to April 2022;
- Land cover account report consolidation workshop, July 25-27, 2022



## Two land cover maps produced by different operators (ANAT 2010, CSE 2015)

- **Correction of geometric deviation**
- **Implementation in ARIES**

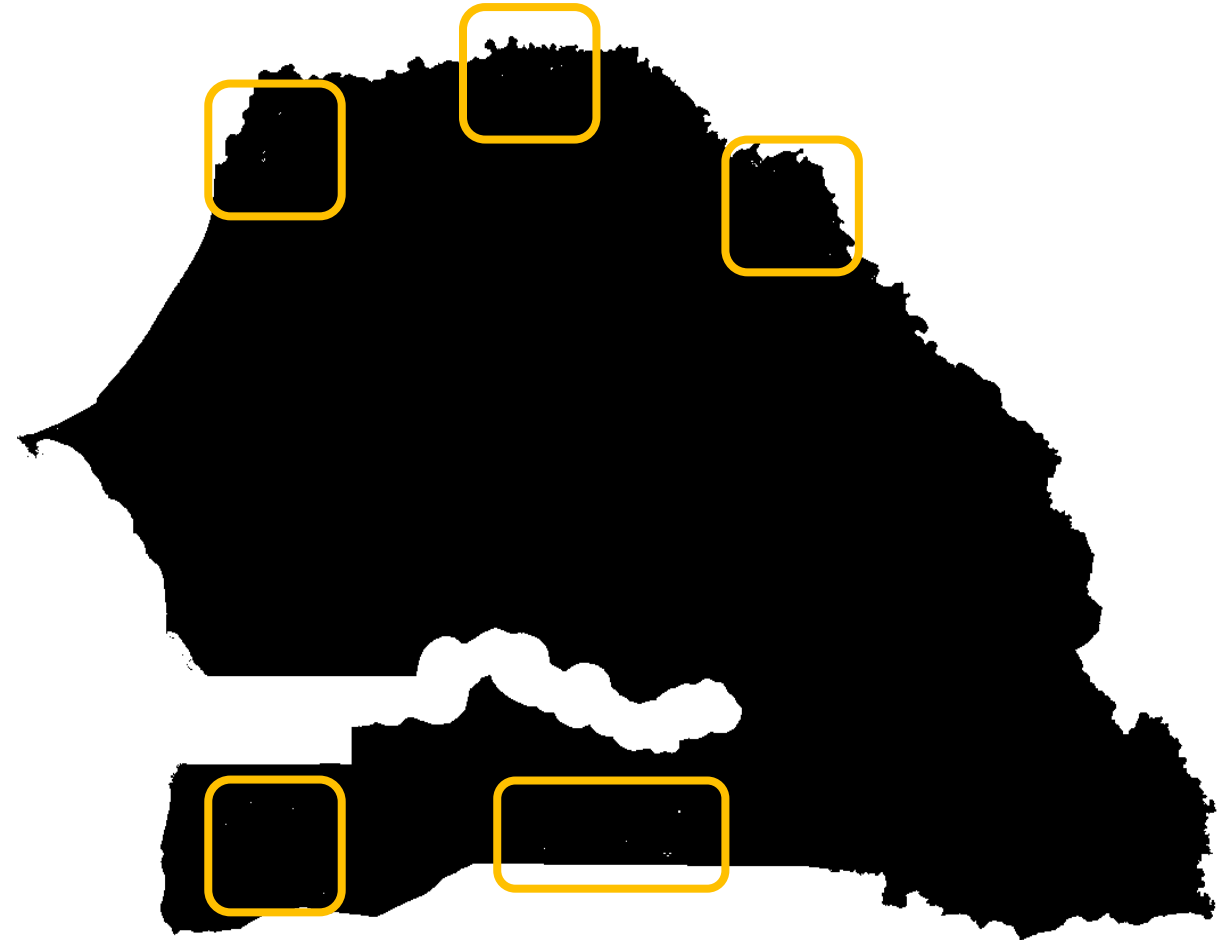




## 5. Consistency of the results

**Difficulties: Missing data in some pixels,  
Different spatial context boundaries  
between 2010-2015, unlikely transitions**

- Working with the UNSD expert to correct inconsistencies
- Analysis of unlikely transitions with the technical committee
- Implementation in ARIES and compilation of the results and SDG 15.1.1



## Land cover map 2015

**REPUBLIQUE DU SENEGAL**  
**Occupation du sol en 2015**

Localité  
Sol nu  
Dune côtière  
Carrière - Mine - Infrastructure  
Steppe  
Savane  
Forêt  
Mangrove  
Plantation forestière  
Culture irriguée  
Culture maraîchère  
Culture pluviale  
Cours d'eau  
Lac  
Mare  
Plaine inondable  
Vasière  
Tanne  
Prairie aquatique

0 50 100 Km

Source: ANAT, 2010  
Réalisation: ANAT, 2022



- Year 2023: Implementation of the **ecosystem extent account**

## MAJOR STEPS:

1. Definition of ecosystems types at national level
  2. Use of the land cover account
  3. Implementation in ARIES
- Study case: Carbon account
  - Validation of the National plan for the advancement and promotion of economic and environmental accounting in Senegal

THANK YOU FOR YOUR ATTENTION

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**SENEGAL**

# LAND COVER MAPS

