

ISPRA
**Italian Institute for Environmental
Protection and Research**

**Meeting with Turkish Delegation / Kyoto Club
ELN Project**

Rome, Jan. 24. 2023

ISPRA

Italian Institute for Environmental Protection and Research



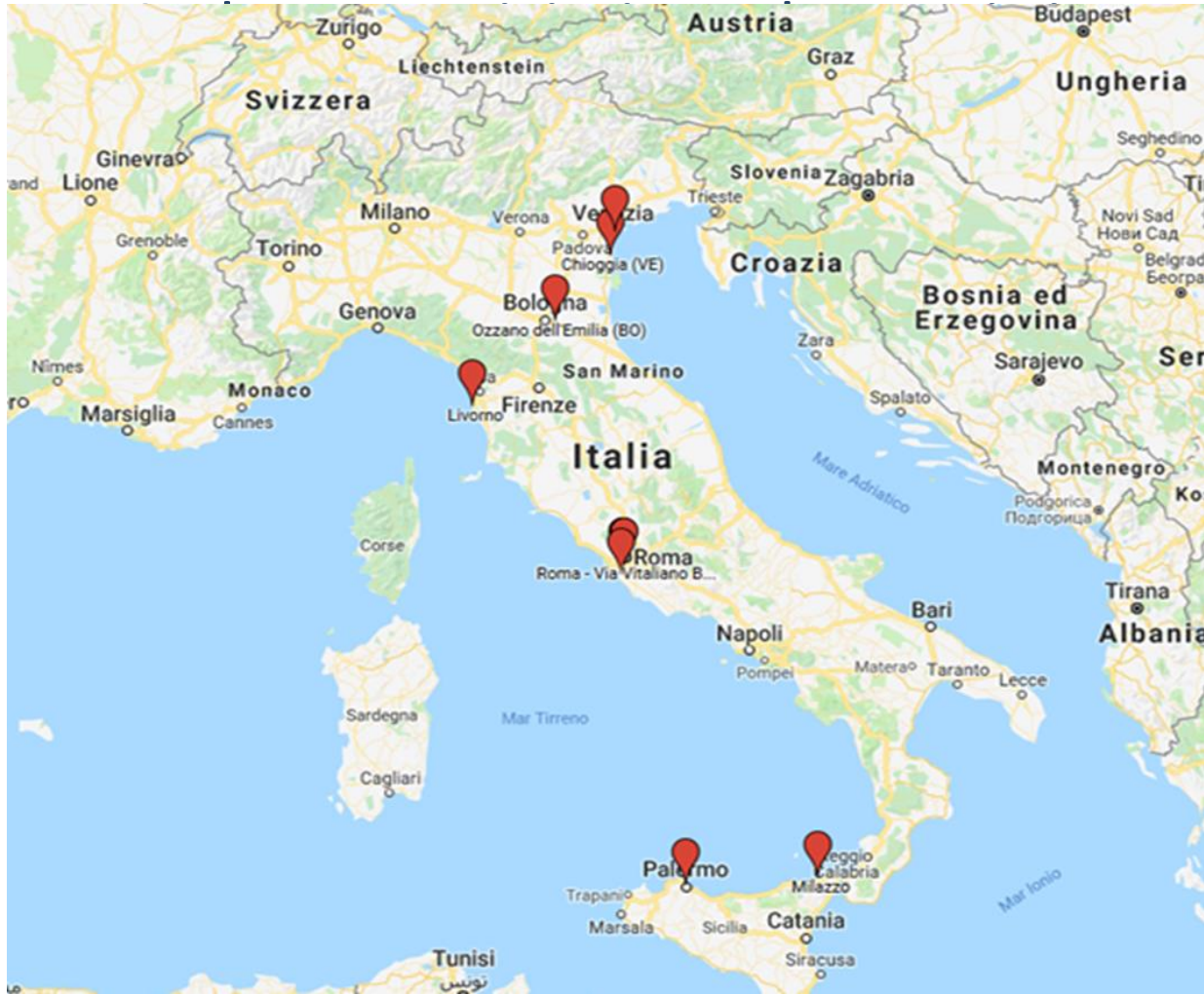
Public research body enjoying technical-scientific and regulatory independence

Receives general guidance from the Minister of the Environment (MASE)

Italian reference institution for technical-scientific and monitoring and control activities for environmental protection and sustainability

ISPRA

Italian Institute for Environmental Protection and Research



8 Sites in Italy

Venezia
Chioggia
Livorno
Ozzano nell'Emilia
Roma Eur
Roma Castel Romano
Milazzo
Palermo

- Established in 2016 by law n. 132
- Composed of 19 Regional and 2 Province's Environmental Protection Agencies, under the chairmanship of ISPRA
- Workforce of over 10,000
- Ensures a detailed and diffused environmental monitoring
- Duty to provide coordinated nation-wide essential levels of technical environmental performance, also through the harmonization of the national environmental laboratories network methodologies

Task & Activities

- Monitoring of the state of the environment and impacts, also as reporting for EU regulations
- Support to SEA Procedures
- Support to EIA Procedures
- EIA inspection and control activities
- Inspection activities RIR
- Inspection activities on noisy machines and equipment
- Declarations of conformity of machines intended to work outdoors
- Support for Ecolabel Licenses
- Support for EMAS registrations
- 4000 National plants registered in the LCP and PRTR databases
- 2400 Contacts for the ETS Register



Task & Activities

- Opinions on wastes on decrees or administrative acts
- Reports for the EC on the recovery and recycling of priority waste streams
- Technical investigations for the recognition of consortia for the recycling of specific waste streams
- Proceedings as a verifying body for waste
- Participation in European technical committees for the adaptation of waste and circular economy regulations
- Management of dangerous substances (REACH)

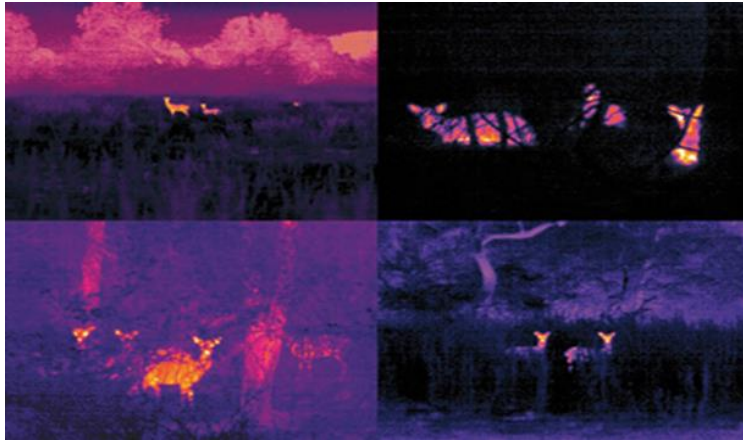


Task & Activities



- Technical support for the implementation of the Water Framework Directive, Floods, Urban Wastewater, Nitrates
- Operational Hydrology and National Hydrological Balance Services
- River hydro-morphology and renaturation
- Technical support for the implementation of the Regulation on water reuse
- Inventory of releases, discharges and losses of priority substances in water
- Coordination of reporting activities for the EU Habitats Directive and Birds Directive
- Opinions in the field of wildlife required by national and community regulations

Task & Activities

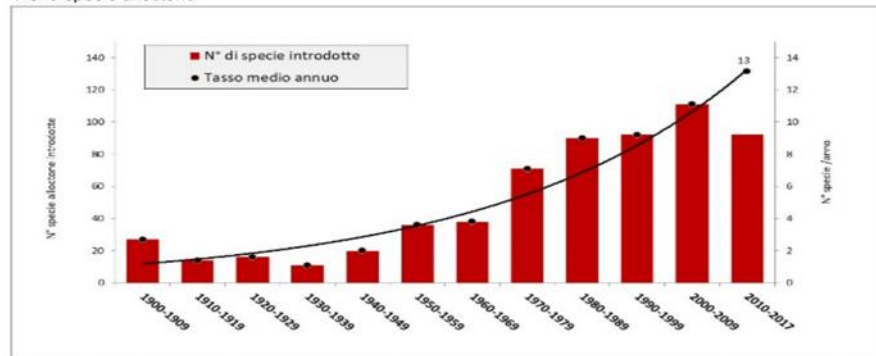


- Wildlife monitoring, conservation and protection
- Support for the implementation of the EU Regulation for invasive alien species
- Conservation and protection of natural habitats: Nature Charter
- Wildlife conservation and protection with particular attention to wildlife management

Support for the implementation of the regulation on invasive alien species

Protected land areas: functions of technical secretariat and UN Green Helmets task force

REGOLAMENTO SPECIE ALIENE INVASIVE
Trend specie alloctone



Task & Activities

- Protection of the marine environment: support to the MASE for the Marine Strategy
- Protection of coastal marine waters
- Marine protected areas and protection of marine biodiversity and technical secretarial functions
- Management of the fish resource and sustainability of fishing
- Sustainable aquaculture
- Sustainable agriculture and national plan
- Support for activities relating to the use of pesticides
- Production, collection and dissemination through the SINA of official reference data on the state of the environment and its evolution



Official reporting

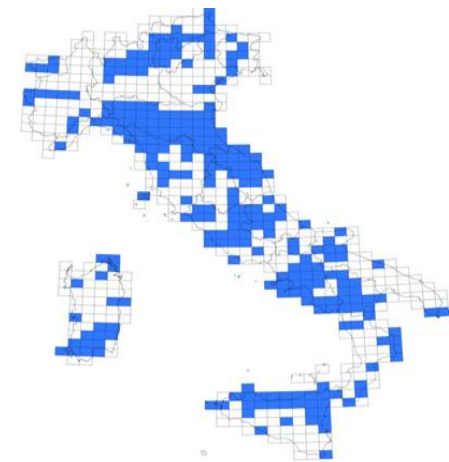
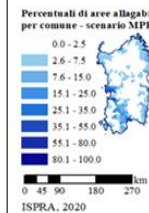
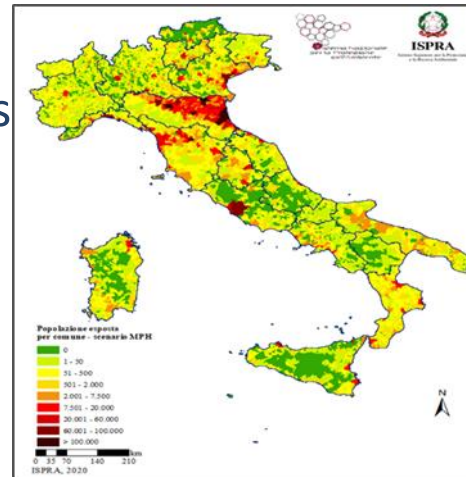
Creation of **national cognitive frameworks of the state of the environment**, the pressures on it and the measures.

As **National Centre for the Waste Cycle** ISPRA prepares the annual reports on the production of urban and special waste and manages the telematic cadaster

As part of the coordination activities of the **National System for Environmental Protection**, it publishes the Land Consumption Report

As a **cartographic body of the State**, it produces the official geological cartography

As **National Data Reporter for the Floods Directive**, it produces national flood hazard and risk maps



Information Networks

ISPRA is part of the National Statistical System

Environmental Statistics

- methods of data analysis
- indicators and indices
- environmental reporting activities
- Official statistics for the National Statistical System (SISTAN)

National Environmental Information System (SINA) → European Environment Agency

- Collection, processing and dissemination of environmental and territorial data and information
- Official data for public administrations



Framework and Service Level Agreements

Service Level Agreements / Framework Agreements

- **57%** with **universities**
- **43%** with **research institutions**
 - CNR (National Research Council)
 - CREA (Council for Agricultural Research and Agricultural Economics)
 - JRC
 - FAO
 - ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development)



ISPRA COOPERATIONS WITH GOVERNMENT, NATIONAL AUTHORITIES OR INSTITUTIONS

- Ministries
- ISTAT (National Institute of Statistics) – environmental reporting
- ISS (National Institute of Health) – MoU on tech-scientific cooperation
- SMD (General Defence Staff Office)
- CARABINIERI
- MM (Italian Navy)
- CdP (Port Authorities and Coast Guard)
- Regions

International network

ISPRA actively collaborates with the European Commission and numerous international institutions, in particular with the European Environment Agency, in support of EU's environmental policies and takes part in international programmes and research projects



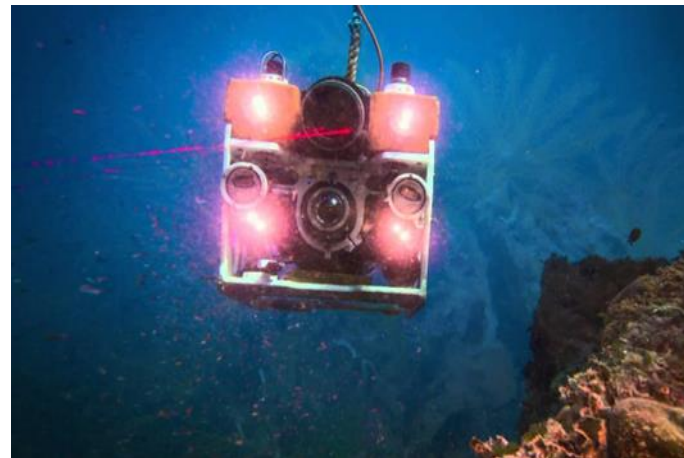
RESEARCH SUPPORT TOOLS



Oceanographic vessel

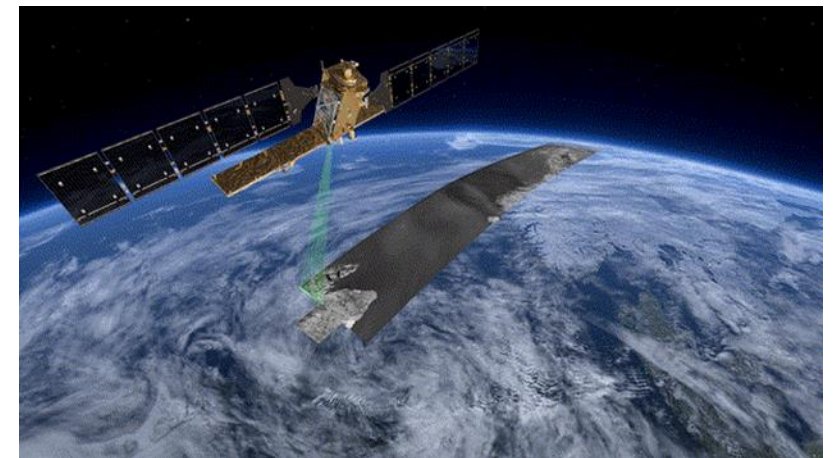


Scientific laboratories (NATIONAL CENTRE)



Advanced technologies and instruments

Satellite technologies and methodologies (Use of EU Copernicus Programme Earth Observation data and services)



National environmental laboratories network centre

- 24 LABORATORIES
- 5 SITES IN ITALY
- 5 THEMATIC AREAS:

Chemistry

Physics

Biology

Metrology

Ecotoxicology



Environmental education and training

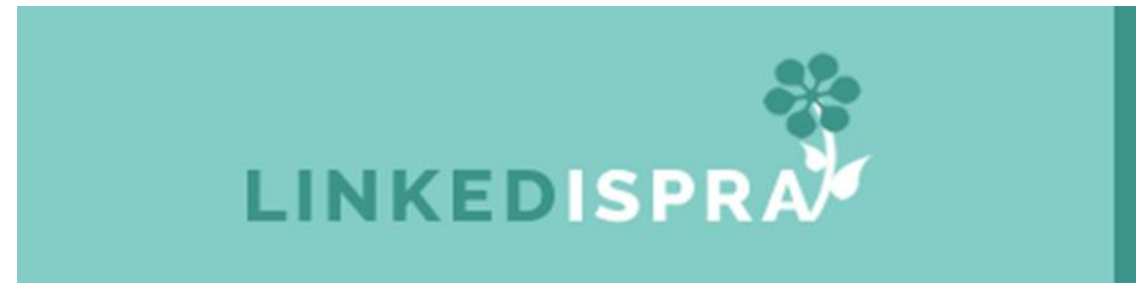
Disseminate knowledge and a culture of sustainability based on scientific data throughout society and promote a responsible and informed approach to environmental problems

- Specialized training courses on environmental issues
- Environmental education and sustainability initiatives for schools and other targets
- Work-training alternation courses, internships for graduates, undergraduates, PCTO courses for young students



Survey system

- Mareographic survey
- Waves survey
- Marine state forecast



Teşekkürler

Grazie!

Thank you!

Merci beaucoup!

ご清聴ありがとうございました