



By IC5 Team

Blanca Botey and Thomas Cernocky



Side Event on Citizen GEOSS
10th November, Mexico

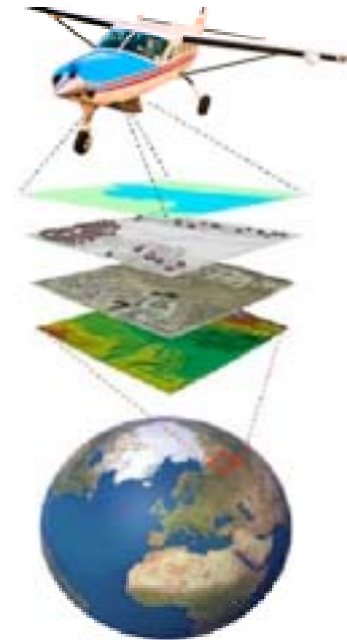




IASTracker by IC5 Team



- IC5Team are a multidisciplinary team composed by surveyors, geographers and a biologist with different professional backgrounds
- Focused on cartographic technologies and geoinformation.
- Concerned about environmental and social issues.





IASTracker a project on Invasive Alien Species (IAS)

Alien species are plants, animals, fungi and micro-organisms that have been transported across ecological barriers and become established in areas outside their natural range. Not all alien species are harmful, but many can become invasive, spreading rapidly across the natural environment, displacing and out-competing native species.

The EU Biodiversity Strategy to 2020. EC.



Source: Generalitat de Catalunya



Author: IC5Team



Author: Roger Rué



Author: Petar Milošević, CC BY-SA 3.0



IAS IMPACTS

HEALTH

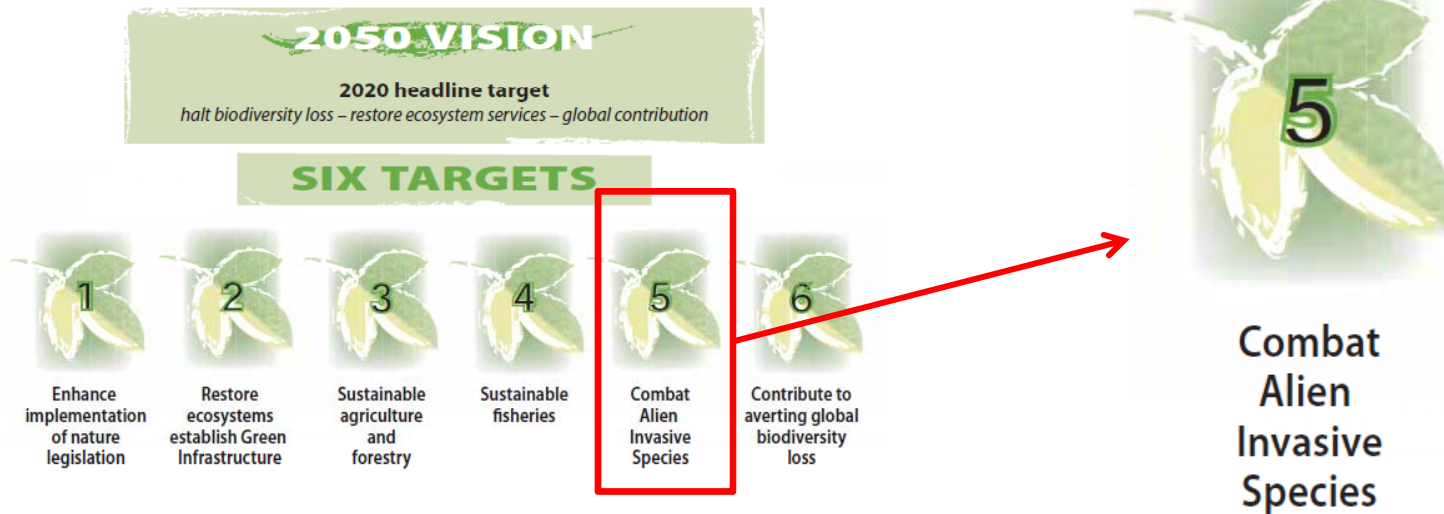


ECONOMY



BIODIVERSITY

Structure of the EU 2020 Biodiversity Strategy





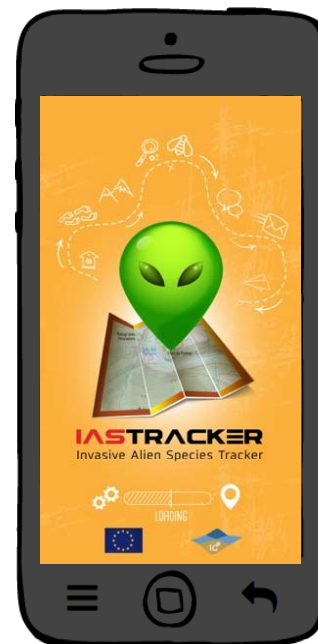
IAS Tracker

- Crowd-sourcing project to locate IAS
- Each region can have different IAS selection
- Validator
- Also working offline
- Local storage of IAS of other areas
- IAS datasheets update from the IAS server
- Starred IAS



<http://iastracker.ic5team.org>

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IAS Tracker geoportal

The screenshot displays the IAS Tracker geoportal interface. At the top, there is a navigation bar with a green alien icon, 'Sign up' and 'Login' buttons, flags for Spain, France, and the UK, and the IAS Tracker logo. The main area features a map of Catalonia, Spain, with various cities and roads labeled. A sidebar on the left contains a search bar with 'Common name' and 'Scientific name' tabs, and a list of species with their corresponding images and 'ON' buttons:

- Ailanthus altissima
- Carpobrotus spp.
- Cortaderia selloana
- Cotoneaster horizontalis

On the right side of the map, there is a 'IAS Tracker observations' panel with two sections:

- IAS Tracker observations:** Two 'ON' buttons with corresponding icons: a blue dot for 'Invader observed' and a green dot for 'Validated observation'.
- IAS Tracker areas:** An 'OFF' button with the text 'Show areas'.

At the bottom right, there is a small text credit: 'Leaflet | © OpenStreetMap contributors | Tiles Courtesy of MapQuest'.

<http://iastracker.ic5team.org>

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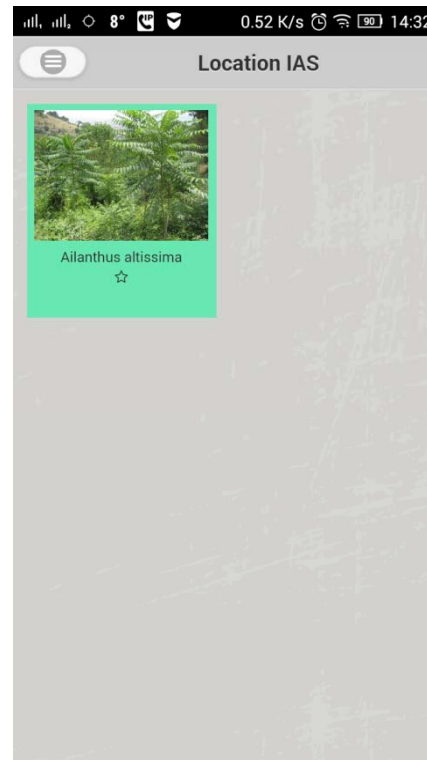
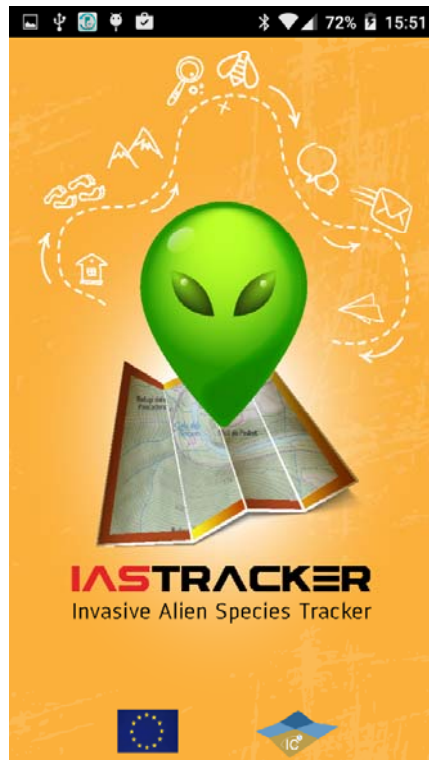


Thank you for your attention!

info@ic5team.org

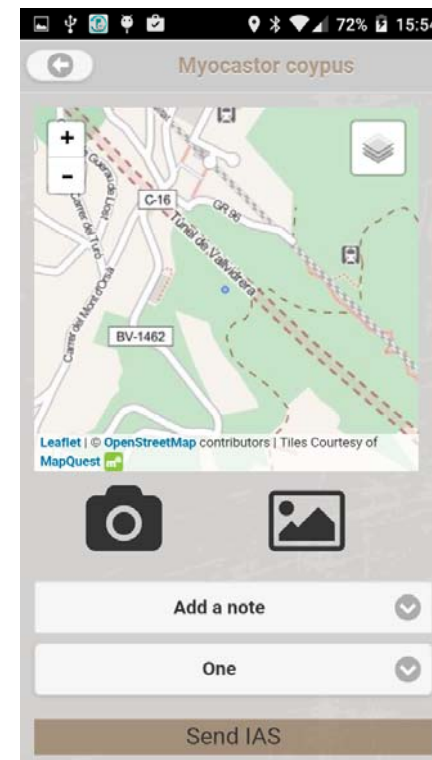
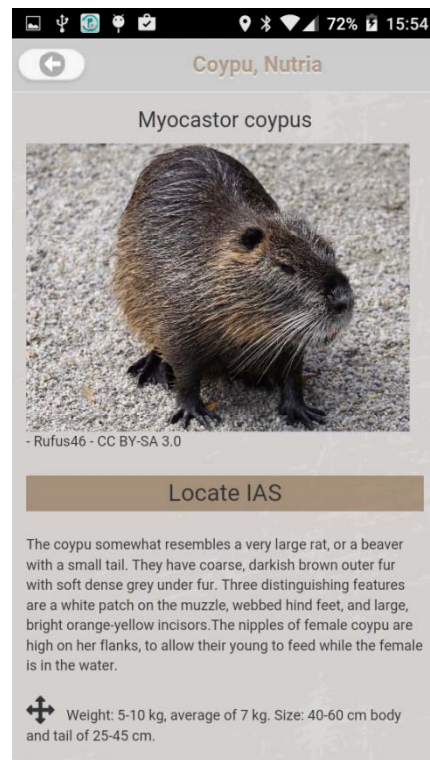


- Diapos App





- Diapos App





- Diapos Geoportal

IASTRACKER interface showing a map of Catalonia, Spain, with various invasive species filters and observation data.

Navigation and Language: Sign up, Login, and flags for Spain, France, and the UK.

Species Filters (Left Panel):

Image	Common name	Scientific name	Status
	Ailanthus altissima		ON
	Carpobrotus spp.		ON
	Cortaderia selloana		ON
	Cotoneaster horizontalis		ON

IASTRACKER observations (Right Panel):

- ☒ Invader observed
- ☒ Validated observation

IASTRACKER areas: ☐ Show areas

Map Details: The map shows the region of Catalonia, Spain, with major cities like Barcelona, Girona, and Tarragona. Yellow circles with numbers (11, 8, 24) indicate specific observation points. A scale bar shows 20 km and 10 mi.

Footer: Leaflet | © OpenStreetMap contributors | Tiles Courtesy of MapQuest



- Diapos Geoportal



 Invader observed

DESCRIPTION

En el parc del Clot (Barcelona)



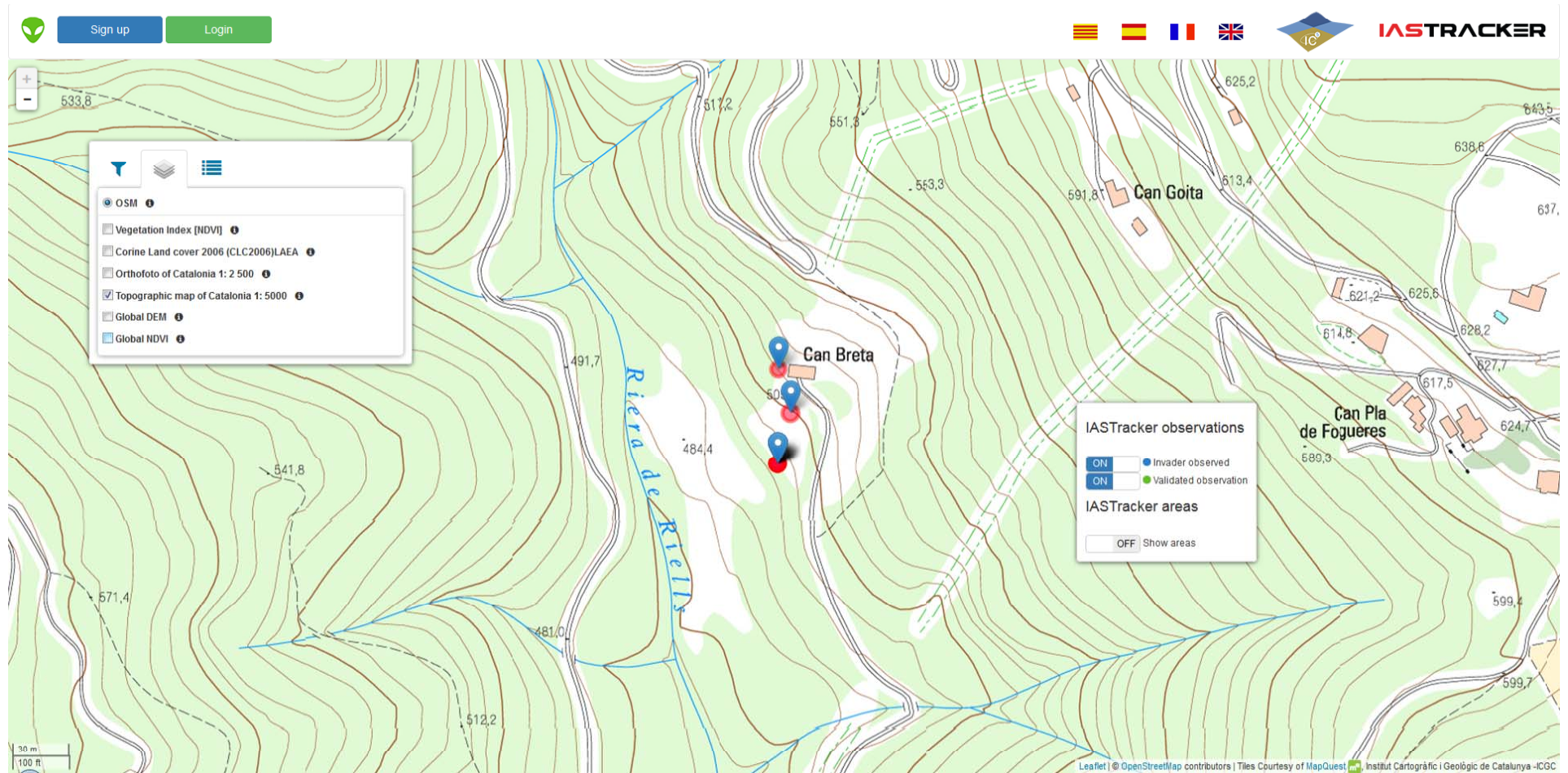


30 m
100 ft

Leaflet | © OpenStreetMap contributors | Tiles Courtesy



IAS Tracker geoportal



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