



Wildlife

TELEMETRY AND TRACKING BY SATELLITE



ARGOS
COLLECTE LOCALISATION SATELLITES

Wildlife

TELEMETRY

Argos: a global system

Argos is a worldwide location and data collection satellite system able to track wildlife for thousands of kilometers covering entire migration routes.

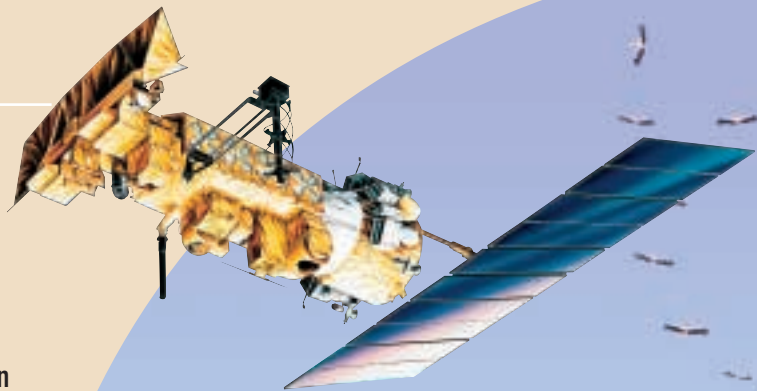
Argos collects sensor data and processes locations sent from animals carrying transmitters. Data are then delivered to you and your colleagues around the world by e-mail or fax, by connecting to an Argos center or by any other means of communication.

Sensors record data providing physical characteristics about the environment and information such as:

- animal's temperature,
- dive depths,
- animal heart rate.

Services

- Special services and staff dedicated to wildlife applications (dedicated bandwidth, sensitive receivers on-board satellites and a network of users sharing results and giving feedback).
- A processing center operating 365 days a year, 24 hours a day without interruption.



Behavioral and migration studies

Protecting endangered species

Reintrodu



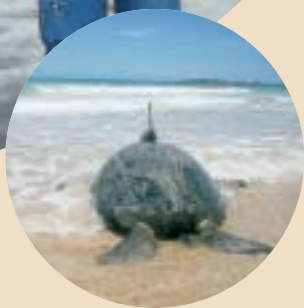
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Miniature Transmitters

- Miniature transmitters (weighing 20 g or less) can be used for tracking even the smallest species.
- Transmitters are very low power and extremely robust providing data for several months up to a year or two even in the harshest environments.



Behavioral and migration studies

STUDY:

- Seasonal distribution and habitat use in relation to geography and seasons.
- Foraging areas and habitat uses.
- Migratory routes.
- Behavioral response to environmental changes.

Protecting endangered species

PROTECT:

- Identify areas of importance for protecting species in order to reduce habitat destruction and avoid mortality from human factors.
- Map migratory pathways and feeding grounds, and analyze behavioral responses to human activities such as industry, tourism, and hunting in order to put protection measures in place.

Reintroduction

MONITOR:

- Monitor the movements and patterns of animals being reintroduced into the wild.

AND TRACKING BY **satellite**

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