

Data Ownership, Data Policies and Licences: the ACTRIS perspective

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Data Ownership in ACTRIS

- **Currently, data associated with ACTRIS belong to the data provider.**
- ACTRIS no ERIC yet, final data ownership status to be decided.
- Due to research character of ACTRIS and strong involvement of stations, station PIs will likely remain to be involved.

Data Policies and Licences in ACTRIS

ACTRIS has 3 topical primary data archives:

- EBAS (Norway, surface in situ data)
- EARLINET DB (Italy, aerosol profile remote sensing from surface)
- Cloudnet DB (Finland, cloud profile remote sensing from surface)

This results currently in individual data policies per archive

- Structure inherited from 1st ACTRIS project.
- Inhomogeneous due to strong data provider community involvement.

External data linked in ACTRIS data portal inherits data policy from primary archive.

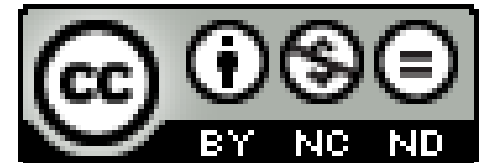
ACTRIS Data Policies and Licences 1: EBAS (surface in situ)

- Final QAed data available **free of charge** for **non-commercial** use, **no password** restriction.
- **“Fair-use”**: acknowledge data provider and project, recommended
- Co-authorship on “substantial use” recommended
- Aligned with WMO GAW data policy.
- no re-distribution (for keeping track of use)
- Pre-final data available on request
- Policy for derived products / pre-final data on case basis

Approximate translation to license:

Creative Commons:

- Attribution
- NonCommercial
- NoDerivatives 4.0 International License



Not free culture

ACTRIS Data Policies and Licences 1: EBAS NRT (surface in situ)

Data Policy for Surface In Situ NRT data:

- **free of charge for non-commercial**
- **password restriction**
- **No publication without PI consent**
- **Operational use:** negotiated on case basis.

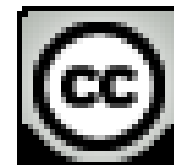
ACTRIS Data Policies and Licences 2: EARLINET DB (aerosol profile)

- Final QAed data available **free of charge** for **non-commercial** use
- **password restriction.**
- **PI to be informed** of each use (negotiate co-authorship).
- **Data base to be acknowledged**
- no re-distribution (for keeping track of use)

Approximate translation to license:

Creative Commons:

- ???



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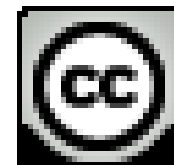
ACTRIS Data Policies and Licences 2: CLOUDNET DB (cloud profile)

- Data products available **free of charge** for **non-commercial** use
- **password restriction.**
- **Data base & PI** to be **acknowledged**
- no re-distribution (for keeping track of use)
- Co-authorship only if PI assists analysis

Approximate translation to license:

Creative Commons:

- ???



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Data Policy & License Challenges

- ACTRIS data policy is work in progress!
- Currently, ACTRIS station funding dependent on scientific & research output.
- Funding not through ACTRIS, but other project sources.
- Result: restrictive, PI-driven data policy protecting data's research value.
- ACTRIS as ERIC may solve problem on its own.
- PIs paid for data, not research results.
- Of course, top-down rules may assist process.

The Carrot: Data Citation Services & Provenance Tracking

- Use of DOIs for final data products allows to track & quantify use of data.
- Gives PI scientific merit for his efforts (e.g. DataCite)
- Will give research PI incentive to publish data regardless.

Prerequisite:

- Data use tracker (“Web of Science” for Data, DataCite has β -Version)
- DOIs for data collections need to refer to primary DOIs to allow correct quantification (provenance tracking)
- Proposed Implementation Case in ENVRIplus

