Licensing of ACTRIS (meta)data and software

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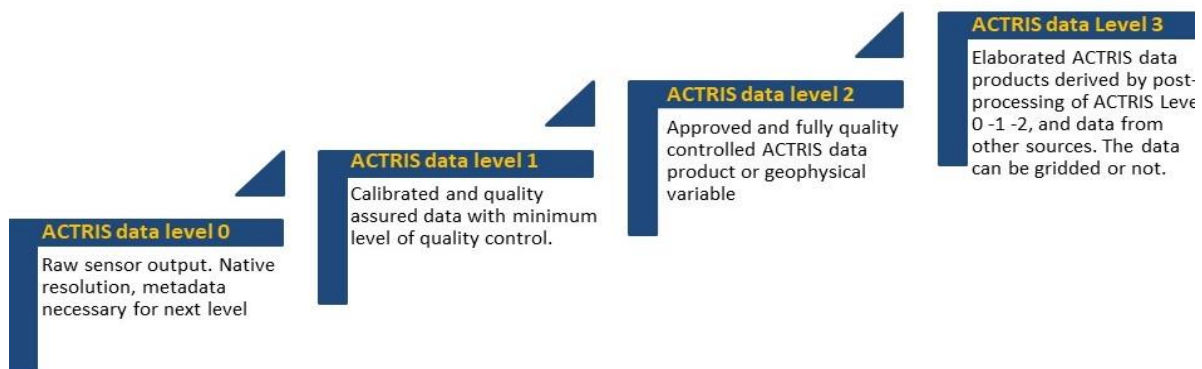**Approved:** 1st ACTRIS ERIC General Assembly

6th June 2023

Licensing of ACTRIS (meta)data, and software

This document presents the decision on the use of licenses on ACTRIS data, metadata, software and concepts for the consideration of ACTRIS ERIC 1st General Assembly.

ACTRIS data levels

The ACTRIS data levels are described in the figure below. For more detailed description of ACTRIS data levels and products, see ACTRIS data management plan.

ACTRIS data Level 3
Elaborated ACTRIS data products derived by post-processing of ACTRIS Leve 0 -1 -2, and data from other sources. The data can be gridded or not.

ACTRIS data level 2
Approved and fully quality controlled ACTRIS data product or geophysical variable

ACTRIS data level 1
Calibrated and quality assured data with minimum level of quality control.

ACTRIS data level 0
Raw sensor output. Native resolution, metadata necessary for next level

Approved licensing for ACTRIS data, metadata, and software

License		Comment
Data levels and data products		
Level 0 data	CC BY 4.0	Conclusion on recommendation made at RI com 8th October 2021, Supported by IAC 4th November, with no reported objections or concerns.
Level 1 data	CC BY 4.0	Conclusion on recommendation made at RI com 8th October 2021. Supported by IAC 4th November, with no reported objections or concerns.
Level 2 data	CC BY 4.0	Conclusion on recommendation made at RI com 11th June 2021. Supported by IAC 4th November, with no reported objections or concerns.
Level 3 data	Recommend CCBY4	Open from case to case: This will depend on the product, and need agreement with the collaborating data producer. The recommendation is to use the same as for level 2 data. Conclusion on recommendation made at RI com 8th October 2021. Supported by IAC 4th November, with no reported objections or concerns.
Legacy level 2 data	Recommend CCBY4	RI Committee strongly recommend CC BY 4.0 to keep homogeneous use of time series, back in time. Open for the NF to decide when the contract with ACTRIS ERIC is signed. Supported by IAC 4th November, with no reported objections or concerns. Supported at the NF forum meeting 10th May 2022

License		Comment
Metadata		
For level 1 and level 2 metadata	CCBY 4.0	Discussion at RI comm meeting 11th November 2021. Conclusion and recommendation made the RI comm meeting 10th June 2022. Not discussed at IAC
Software		
Software and digital tools developed by TC HO and/or DC	AGPL	GPL3 was discussed at RI comm meeting 11th March 2022. Conclusion and recommendation made at RI comm meeting 10th June 2022 for the GPL3. Then we decided to use a modified version "GNU Affero General Public License (AGPL)" which is compatible with GPL3 but do also take use of web services into account. Not discussed at IAC

Licenses for concepts used by community

ACTRIS develops concepts where the aim is that the concepts should be adapted and used in the full environmental community, across all fields and applications e.g., as new community standards.

License on concepts will be decided on case by case, but generally the aim is that this is used as wide as possible, not necessarily referenced back to ACTRIS in all cases.

License		Comment
Concepts for community		
ACTRIS Vocabulary: https://vocabulary.actris.nilu.no/skosmos/en/	CC0	Vocabulary is a concept for the whole community. It is a goal that the ACTRIS vocabulary is used as broad as possible, e.g. within other networks. It might be a threshold to require attribution to ACTRIS every time the vocabulary is used. This can also be added at a later stage, if that is warranted Supported by RI comm at the meeting 10th June 2022. Recommendation made by ACTRIS DC leader, and In-Situ DS unit leader leading the work with vocabulary within ENVRI-FAIR.