



DOCUMENT

Access to RADARSAT data as a TPM

Terms of Applicability



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1 INTRODUCTION

Within the Third Party Mission scheme, the Agency provides to Earth Observation users data from non-ESA missions, so-called Third Party Missions, to complement the data from ESA EO missions and to support and build up the scientific user community for those data in Europe.

A Third Party Mission (TPM) is a mission

- that is operated by any legal body, governmental or non-governmental entity other than ESA or
- for which ESA assumes some formal responsibility towards the mission operator or to which ESA contributes financially, usually through sharing of Ground Segment facilities or operations cost or
- for which ESA assumes a data distribution responsibility, usually towards European Users, but sometimes towards a worldwide user community for a subset of the geographic coverage of this mission.

The implementation of a new Third Party Mission follows a Selection Procedure approved by the Program Board on Earth Observation in 2004. This procedure evaluates a yearly list of Third Party Candidate Missions according to a set of criteria (e.g. European User benefits and excellence, Accessibility etc.)

As per Third Party Mission Candidate Evaluation Report (ESA/PB-EO(2004)96) and updated as per the Third Party Approved Mission Evaluation Report (ESA/PB-EO(2012)61), RADARSAT has been identified for integration into the TPM portfolio, with a scenario that foresees access to category-1 users to a limited amount of RADARSAT archived and tasking products.

2 DATA ACCESSIBILITY GENERAL CONDITIONS

Data Distribution:

- After project evaluation, ESA assigns a quota (in principle, no more than 20 products can be made available per project)
- Access is provided to users after acceptance of the Terms and Conditions for the utilization of ESA Third Party Missions Data (<https://earth.esa.int/pi/esa?type=file&ts=1305281356743&table=aotarget&cmd=image&id=2260>)
- MDA reserves the right to reject an individual order, in case these are conflicting with applicable Canadian Security Regulations. ESA cannot be responsible for such rejections.
- MDA order desk handles the orders directly with the PI
- Data delivery is via ftp pickup and data are delivered free of charge to registered cat-1 users, in regular mode (within 5 days after proper order submission to the data provider)

Data coverage:



- All RADARSAT-1 images acquired since 1995
- If orders comply with the Canadian Security Regulations, all RADARSAT-2 images acquired since 2008 can be made available to cat-1 users. Should the archived products not satisfy cat-1 users requirement, cat-1 users can order new acquisitions.
- Archived products are available for browsing at https://neodf.nrcan.gc.ca/neodf_cat3/ (note that the catalogue doesn't give access to full RADARSAT-1 archive but only access to the Canadian RADARSAT-1 archive. For full RADARSAT-1 archive availability, please contact csrtpm@mdacorporation.com)

Restricted Areas

Provision of **SLC product in any beam mode acquired over the Spratley Islands, the Paracel Islands, the Kashmir and the disputed region of Nargorno-Karabakh in Azerbaijan** is strictly prohibited. For clarity, other RADARSAT-2 Products (e.g. SGF, SGX, SSG etc.) over these areas may be provided from MDA to any authorized person or class of person under the appropriate CAP.

3 DATA USERS

Users = ALL existing and new ESA Cat-1 projects (incl. DUE, GSE, EOMD) within the following residential restrictions: PIs are eligible if they reside in the following countries:

- European Commission Member States
- ESA Member States (including Canada)
- Africa
- China, as part of the Dragon cooperation

As per the 'Terms and Conditions for Category-1 use' signed by the Project PI, PIs are responsible to respect the geographic restrictions in case they apply to a Co-PI of his project.

Prohibited Entities

ESA will not provide RADARSAT-2 Products to any Designated Person appearing on the list maintained by the Office of the Superintendent of Financial Institutions, posted on web site http://www.osfi-bsif.gc.ca/osfi/index_e.aspx?DetailID=525 . The list includes listed entities under section 83.11 of the Criminal Code, listed persons under the Regulations Implementing the United Nations Resolution on the Suppression of Terrorism, SOR/2001-360, as amended (the "RIUNRST") and persons and entities covered by the United Nations Al-Qaeda and Taliban Regulations, SOR/99-444, as amended (the "UNAQTR").

4 USER REQUIREMENTS

In the evaluation procedure the scientific content of a submitted project proposal is assessed against the data requirements of the PI. ESA will support as many high-quality and innovative projects as possible within a given budget allowance. In principle, no more than 20 products can be made available per project. Feasibility analysis for RADARSAT-2 new acquisitions is delegated to MDA.



The content of the RADARSAT archive can be explored using NEODF:

https://neodf.nrcan.gc.ca/neodf_cat3/ (note that the catalogue doesn't give access to full RADARSAT-1 archive but only access to the Canadian RADARSAT-1 archive. For full RADARSAT-1 archive availability, please contact csrtpm@mdacorporation.com)

RADARSAT products are delivered with an End User License Agreement in compliance with the Canadian legislation in line with ESA Terms & Conditions agreed by the user. The PI and Co-PI does not sign the End User License Agreement as already agreed through the ESA Terms & Conditions. As per this legislation, the PI, Co-PI, and end users will not communicate or provide RADARSAT-2 Products to any Designated Person appearing on the list maintained by the Office of the Superintendent of Financial Institutions, posted on web site http://www.osfi-bsif.gc.ca/osfi/index_e.aspx?DetailID=525. The list includes listed entities under section 83.11 of the Criminal Code, listed persons under the Regulations Implementing the United Nations Resolution on the Suppression of Terrorism, SOR/2001-360, as amended (the "RIUNRST") and persons and entities covered by the United Nations Al-Qaeda and Taliban Regulations, SOR/99-444, as amended (the "UNAQTR").