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PAZ Ciencia AO-006 Joint Call CSA-DLR-INTA

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INTA (Spanish National Institute of Aerospace Technology)

PAZ Mission

SAR mission for Earth Observation



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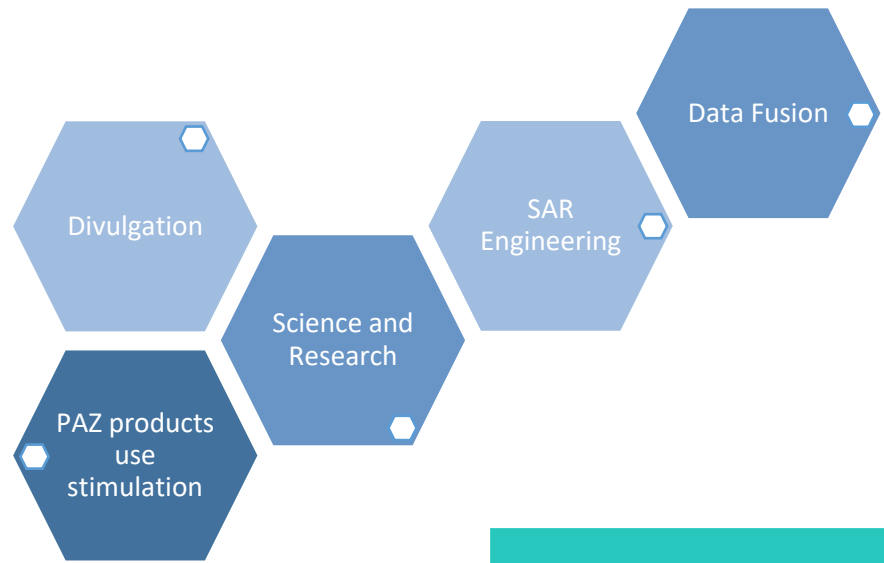
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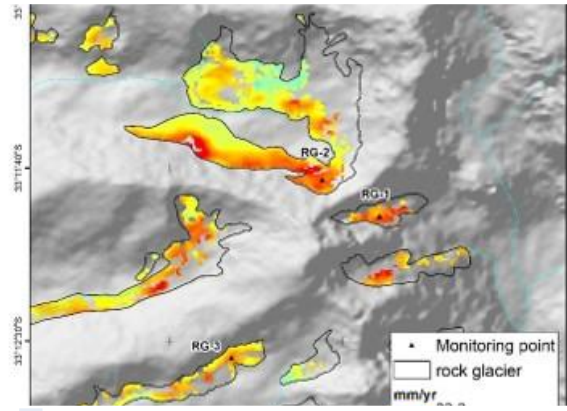
PAZ Ciencia - Scientific Exploitation



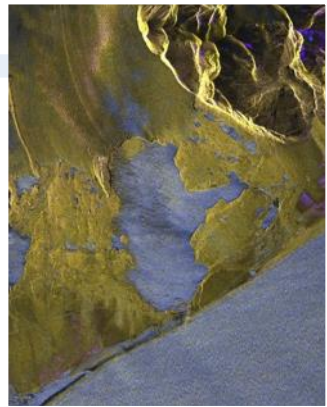
**Announcement of
Opportunity**

Specific Agreements





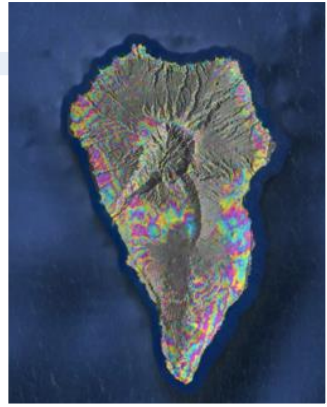
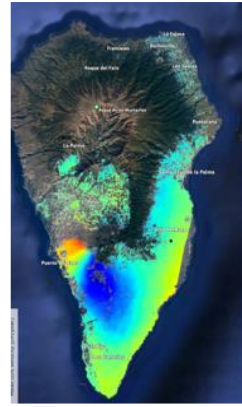
AO-001. General Purpose Call



AO-002. Educational Call



AO-003. Joint TSX-TDX-PAZ Call



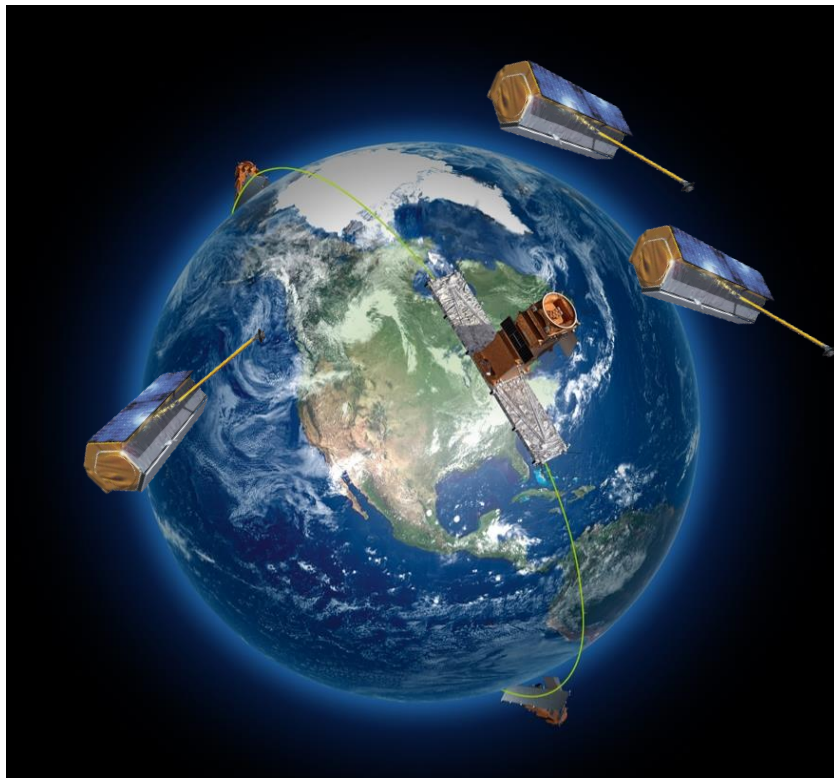
AO-005. Special La Palma Call



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AO-006 Joint CSA-DLR-INTA Call



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AO-006 Joint CSA-DLR-INTA Call

This call is intended to foster the joint scientific use of SAR products provided by RCM (CSA), TSX and TDX (DLR) and PAZ (INTA) missions, focusing on the evaluation of these sensors and missions for research on algorithms, methods and applications

This call is intended to explore the scientific possibilities of SAR products provided by the RCM (CSA), TSX and TDX (DLR) and PAZ (INTA) missions.

Explore the influence of sensor wavelength. The three RCM satellites operate in C-Band whereas TSX, TDX and PAZ operate in X-Band

Explore the influence of different polarization

Explore imaging modes and resolutions

Take advantage of improved revisit time and temporal coverage

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AO-006 Joint CSA-DLR-INTA Call

It has to be considered that although this is a Joint Announcement of Opportunity, interested researchers shall send their scientific proposals to the Institutions, DLR and INTA.

Each institution will independently evaluate the proposals and provide their approvals

- PAZ Ciencia Proposal
- TSX and TDX Proposal
- No RCM Proposal is required

PAZ Ciencia

AO-006 Joint CSA-DLR-INTA Call

AO Launch 1.March.2024

AO Proposal Submission Deadline 30.September.2024

<https://www.inta.es/paz-ciencia/en/AO/ao-006/>

Proposal Approval Procedure

Project Duration 2 years

Promotion of results – papers, publications

Final Report



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Test Sites

Id	Test site	Coordinates	Application Area	Mission
01	Aswan	(23.976951, 32.873724)	Engineering	PAZ, RCM
02	Atacama	(-23.50000, -68.25)	Ecosystem	PAZ, RCM
03	Neva Bay	(59.994035, 29.966484)	Sea Ice	PAZ, RCM
04	Baltoro Glacier, Pakistan	(35.7370902, 76.3758699)	Glacier	TSX, RCM
05	Bardarbunga, Iceland	(64.4227820, -17.047938)	Volcano, Glacier	TSX, RCM
06	BareSalar Uyuni	(-20.199024,-67.693419)	Agriculture, Salar Lake	TSX, PAZ, RCM
07	Barry Arm Fjord	(61.0505383, -148.1386306)	Landslides hazards	PAZ, RCM
08	Bayerischer Wald, Germany	(49.0220599, 13.3368279)	Forest	TSX, RCM
09	Beaufort Coast	(69.568436, -139.014233) (69.630258, -140.849342) (69.689467, -134.937956)	Coastal erosion	PAZ, RCM

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<https://www.inta.es/paz-ciencia/en/AO/ao-006/>

<https://sss.terrasar-x.dlr.de/>

<https://tandemx-science.dlr.de/>

<https://www.asc-csa.gc.ca/eng/satellites/radarsat/access-to-data/>



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