



SOCIETE FRANCAISE DE PHOTOGRAMMETRIE ET DE TELEDETECTION

Association formée sous le régime de la loi du 1^{er} juillet 1901

Siège Social : 73, avenue de Paris - 94165 Saint - Mandé Cedex

Dr Lena Halounova
Secretary General
ISPRS

Toulouse, April 29, 2022

Subject : Bid for bi-national (France-Brazil) presidency of ISPRS Commission III

On behalf of SFPT, ordinary member of ISPRS for France, it is my honor to submit the bid of France, in collaboration with Brazil, to host Technical Commission III (Remote Sensing) for the next term 2022-2026 with a bi-national presidency.

This bi-national bid is presented by Laurent Polidori (UFPA, Brazil, and CESBIO, France) as president, Alessandra Gomes (INPE, Brazil) as vice-president and Jean-François Faure (IRD, France) as scientific secretary.

The SFPT, heir to several great names in photogrammetry who played a major role in the early decades of the ISP, was founded in its modern form in 1959, and since then has endeavoured to bring its contribution to the activities of the ISPRS. This contribution culminated in the organisation, under difficult conditions, of the 24th ISPRS Congress in Nice. The proposal for a commission presidency is a continuation of these efforts.

The project is detailed in the attached document. Note in particular that if this bid is successful, SFPT will give its full support to its operation, including an operating budget of 10,000 euros for the period 2022-2026 to support the activities of the technical commission president.

On behalf of the whole French remote sensing community, SFPT will do its best to contribute to ISPRS activities for the next 4 years, together with its sister society SELPER-Brasil.

I would like to take this opportunity to wish the ISPRS a prosperous future.

Dr Aurélie SAND
President of SFPT

SFPT

E-mail : sfpt-contact@sfpt.fr - Web : <http://www.sfpt.fr/>



ASSOCIAÇÃO DE ESPECIALISTAS
LATINOAMERICANOS EM
SENSORIAMENTO REMOTO
SELPER - BRASIL

São José dos Campos, April 28, 2022

To: ISPRS Council

Subject: Bid for bi-national (France-Brazil) presidency of ISPRS Commission III – Remote Sensing

On behalf of SELPER-Brasil, candidate for Ordinary Member for Brazil, it is my honour to submit the bid of Brazil, in collaboration with France, to host Commission III (Remote Sensing) for the next term 2022-2026 with a bi-national presidency.

This bi-national bid is presented by Laurent Polidori (UFPA, Brazil, and CESBIO, France) as president, Alessandra Gomes (INPE, Brazil) as vice-president and Jean-François Faure (IRD, France) as scientific secretary.

The project is detailed in the attached document. Note that if this bid is successful, SELPER-Brasil is committed to organise the mid-term symposium of Commission III in Belém (Brazil), in 2024.

On behalf of the whole Brazilian remote sensing community, SELPER-Brasil will do its best to contribute to ISPRS activities for the next 4 years, together with its sister society SFPT.

Best regards,

Hilcéa S. Ferreira

Dra. Hilcéa Santos Ferreira

Presidente

SELPER BRASIL

Laurent Polidori
Candidate for TC III president
UFPA (Belém, Brazil), laurent.polidori@ufpa.br
CESBIO (Toulouse, France), laurent.polidori@ird.fr
+55 91 98167 4648

in association with :

Alessandra Rodrigues Gomes (INPE, Brazil), candidate for vice-president
Jean-François Faure (IRD, France), candidate for scientific secretary

to ISPRS Council

April 29, 2022

Bid for a bi-national presidency of Commission III (France, Brazil)

It is our honour to propose a bi-national commission hosted by France and Brazil for Commission III (Remote Sensing), from 2022 to 2026, with Laurent Polidori as president, Alessandra Rodrigues Gomes as vice-president and Jean-François Faure as scientific secretary.

A bi-national proposal

We are a bi-national team. Laurent Polidori is a French scientist living in Brazil and very active in both national scientific societies SFPT and SELPER-Brasil with officer positions. He is professor at UFPA (Belém, Brazil) and associate researcher at CESBIO (Toulouse, France). Alessandra Rodrigues Gomes is from INPE (Belém, Brazil), and Jean-François Faure is from IRD (Montpellier, France). Through the experience and the professional network of each of us, we have a good knowledge of the worldwide state of the art in all professional sectors related to remote sensing (research, higher education, industry, defense, governmental and non-governmental organisations...).

Both countries, France and Brazil, have intense research activities as well as industrial developments in all fields of ISPRS, with two complementary profiles. France has a very old and strong tradition in geodesy and photogrammetry, a century and a half separating the precursory work of Laussedat and the launching of several generations of high resolution Earth observation sensors, while Brazil implements new solutions (from the CBERS satellite constellation to the Brazil Data Cube) to meet major challenges such as the monitoring of the Amazon and other biomes. France and Brazil are very active in the ISPRS. They hosted the congress in 1934 and 2022 (France) and 1984 (Brazil), respectively, and have regularly participated in the working groups of several technical commissions.

A proposal for Technical Commission III

We propose to host Commission III dedicated to Remote Sensing. As it results from the merging in 2016 of the former Commissions VII (Thematic Processing, Modeling and Analysis of Remotely Sensed Data) and VIII (Remote Sensing Applications and Policies), Commission III is very broad, with a wide range of research topics guided either by the methodology (sensors, processing algorithms) or by the application domain. This merging is supposed to allow applications to be targeted with more rigorous methods, and methodologies to be inspired and validated by applications. The content of Commission III is so extensive that it spills over into the scope of other commissions, notably II and IV, which has led to several ICWGs (intercommission working groups), and it is no coincidence that Commission III has the highest number of ICWGs.

If our bid is successful, we will immediately initiate a process aiming at proposing a list of working groups for the next term, taking the opportunity offered by the congress to meet the outgoing TC president and WG officers, as well as the other incoming TC presidents and ISAC, IPAC and ICORSE presidents. We will take into account the following elements :

- **the outgoing working groups** (10 WGs and 6 ICWGs), with an examination of possible lacks or redundancies and the search for a balance between continuity and novelty, to be discussed with the outgoing commission and WG officers, so that the scope of TC III is preserved and consolidated;

- **the resolutions**, established in 2016, which are not supposed to change significantly, and where changes will be inspired by the evolution of technologies, practices and applications in the last 6 years, which must necessarily be taken into account in order to make the commission's objectives evolve :

Resolution III.1 Multi-dimensional Remote Sensing Dataset and its Quality

The Congress

Noting:

- the increasing availability of complex and multi-dimensional, including multi-temporal, multi-resolution, multi-platform, multi-source sensors, for remote sensing of big datasets related to natural and/or man-made Earth features;
- the general lack of rigorous, harmonized, optimized and accepted principles in terms of standards, quality, and error characterization of data and derived products

Recognising:

- the contributions of ISPRS community to develop innovative remote sensing techniques and tools combined with image processing algorithms for automated operational mapping;
- the difficulty and burden in developing and implementing appropriate, comprehensive, and generally accepted quality control techniques;
- the inchoate and rudimentary state of data quality standards

Recommends:

- that the operational use of accepted and novel techniques for the thematic mapping processes be strengthened;
- that those improvements should be accompanied by development and implementation of appropriate and comprehensive error characterization and data quality control techniques.

Resolution III.2: Remote Sensing Applications & Policies

The Congress

Noting:

- significant efforts towards realization of a myriad of applications of remote sensing by the research communities for sustainable development; scope for bridging the prevailing information gaps through the evolving scenarios of the Earth observation systems and analytical techniques;
- data policies on sharing, access and outreach of actionable and affordable information products for enabling appropriate decision making

Recognising:

- the need for better understanding of the Earth system for meeting the challenges of sustainable development goals;
- the benefits of automation in efficient generation of the standardized value-added geospatial products and services;
- the merits of concerted and coordinated efforts by professional societies, industries, academia and research institutions, social media and other stakeholders for reaping societal benefits

Recommends:

- improved technique development, exploring the synergy of Earth observation systems for retrieval of parameters and their assimilation for predictive modelling;
- stronger emphasis on developing applications exploring the joint potential of different geospatial technologies on infrastructure, disaster resilience and natural resources management;
- more effective out-reach through sharing of data, algorithms and models, including capacity building;
- and ISPRS playing a pivotal role in integrating global efforts for policy decisions on sustainable development.

- **the terms of reference** of TC III, established in 2016, which are not supposed to change significantly, and where changes will be inspired by the evolution of technologies, practices and applications in the last 6 years, which must necessarily be taken into account in order to make the commission's objectives evolve :

- Focus on physical modelling of electromagnetic radiation, the analysis of spectral signatures, image classification, data fusion, pattern recognition, and quality control;
- Enhance the applications in monitoring and assessing environment, landuse/landcover, nature resources, weather/atmosphere and climate, cryosphere, coastal and ocean, forestry/agricultural and ecosystems/biodiversity;
- Integrate the global efforts by effective out-reach through data/algorithms sharing and capacity building, cooperates intensively with national space agencies, alliance with the International Committee On Remote Sensing of Environment (ICORSE).

- **the recommendations of the Council** and the relevant committees, i.e., ISAC, IPAC, ICORSE, which may consider scientific and technologic novelties as well as more “political” considerations related to the positioning of ISPRS in relation to other scientific societies and international organisations concerned with Earth observation;
- **the output of the forum track**, i.e., the round table sessions organised during the congress to address the interactions between science, public organisations, industry and decision-makers on hot topics of the geospatial community in order to clarify the role ISPRS should play on behalf of our community and provide updated roadmaps;
- **the Sustainable Development Goals**, the current health and security situation, the nature and severity of disasters (e.g. the fires that have devastated many parts of the world in 2019), the IPCC warnings that suggest that the next four year term could be critical for the climate;
- **the trends and novelties in remote sensing** as well as topics that were not explicitly considered so far (though not new):

Sensor systems (considered in priority in Comm. I but having an impact on image processing and application developments): evolution of existing sensors towards higher spatial, spectral and temporal resolutions; bistatic radar, GNSS reflectometry and other opportunistic missions; passive microwave radiometry; nanosatellite constellations...

Sensor system specification (considered in priority in Comm. I): impact of image quality and pre-processing on thematic applicability.

Applications: strengthening of health issues; urban planning and other societal applications such as demography and poverty reduction; study of the potential of remote sensing for legal evidence, including the issue of image authenticity, for example for arbitration of land disputes and detection of environmental crimes, and contribution to the development of forensic remote sensing.

Analysis methods: cooperation between physical modelling and machine learning; automation of large image series processing.

Expected benefits of Commission III activities

The activities of TC III, which will extend the results of the outgoing commission and gather research work carried out in many countries around the world, should contribute to bringing the developers of tools (sensors, processing algorithms) closer to the users, and to guide the strategic positioning of ISPRS, with the help of the appropriate committees (ISAC, IPAC, ICORSE). The following benefits are sought, this list being not exhaustive.

TC III activities should allow for the continuous updating of the knowledge of the potential and the limits of the different remote sensing technologies for the applications that need them, providing, for example, inputs to ICORSE for the biennial report on the state of remote sensing of environment. This state of the art should stimulate applications among heterogeneous communities, with different needs and levels of competence, based on actions to monitor the scientific impact and promote the democratisation of remote sensing data. It should also provide, in particular, arguments for the preservation of free and homogeneous long time series, like Sentinel and Landsat which will complete 10 and 40 years during the next term, respectively. These data are essential for long term environmental observatories in which in situ measurements coexist with remote sensing imagery to monitor the biosphere and the climate.

The WGs can host, for a limited period of time, ad hoc user groups intended to accompany a new Earth observation space mission, working on simulations and then on real data to lead to a rapid diagnosis of the applicative potential of the data and to suggest new applications

through validated demonstrations, as was done in the past with SPOT-5 HRS. A user group dedicated to Pleiades Neo, already under discussion within ISPRS, could be entrusted to an ICWG I/III.

As already mentioned, the work of TC III should periodically clarify the potential and limitations of remote sensing methods reported in the literature. However, the literature is misleading, for at least two reasons (beyond the issues of ethics and reproducibility): (1) published works are often based on pilot projects, in which methods are tested before being applied to other contexts, but carried out on very well-known areas by very qualified people, which may limit the representativeness of the project and the scope of the conclusions; (2) only successful experiments are generally published while failures are ignored, which leads to overestimating the chances of success of remote sensing in accordance with the famous "survivorship bias". Commission III is probably the most directly concerned by this issue, and will approach ISAC to propose a discussion on it.

Involvement of a worldwide community

TC III has probably the most diverse professional profile within ISPRS, potentially bringing together representatives from large research centres with important computation capabilities and application-driven users looking for a technical solution suited to their needs. It is a large and very diverse community, which will be sought all over the world.

The WG chairpersons of the outgoing TC III come from 9 countries for 16 WGs (10 TC III WGs and 6 ICWGs). We will strive for at least as much international diversity and help the WGs to promote their project as widely as possible. In order to complement the professional network of the WG officers in their respective research fields, we will rely on the regional representatives and national delegates to promote the project of each WG. For Latin America, we will also rely on the SELPER association, of which both France and Brazil countries are members. We will also rely on IRD (Institut de Recherche pour le Développement) for Latin America, Africa and Asia through the representatives of this research institution present in most tropical countries.

To avoid the weakening of a WG that might occur due to lack of resources (forcing WG members to focus on better funded projects), we will encourage WG members to collaborate on funding searches. The Scientific Initiatives of ISPRS will be an opportunity among others.

Funding and practical organisation

In case of a successful bid, a budget of 18,000 € (eighteen thousand euros) will be available for the four year term to cover the operating costs of the presidency of the commission, the origins of which are as follows:

SFPT	10,000 €
CESBIO	8,000 €

We will also rely on the logistical support of the two national societies (SFPT, SELPER-Brasil) and on that of our respective institutions (UFPA, CESBIO, INPE, IRD).

The budget will be mainly dedicated to travel expenses required for the participation in the Joint Meetings, in the Geospatial Week and in a few workshops.

Each WG will be asked to organise an online workshop each year, and if possible a face-to-face workshop once during the four year term. We will offer the possibility to gather 2-3 WGs to organise a joint workshop in France, once or twice according to the wishes, in Toulouse and/or Montpellier, hosted by CESBIO and IRD, respectively, and managed by SFPT.

The participation of TC III is foreseen at least in the following ISPRS events:

- Mid-term symposium in Belém, Brazil (2024) : see below
- Joint workshop in Toulouse and/or Montpellier, France (date TBD) and other WG workshops
- Geospatial Week (2023)
- Geospatial Week (2025)
- ISRSE symposium (date TBD after pandemic)
- XXVth congress

We do not yet have a clear visibility into the evolution of practices after the Covid-19 pandemic. We recognize the need for face-to-face meetings for the quality of human relations in a group, but virtual meetings, which we have become familiar to since 2020, allow to save money and reduce the environmental impact of our professional activity. We will participate in the discussions on this subject with the Council and in their implementation.

Scientific papers resulting from Commission III events will be published in accordance with ISPRS practices, in the International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences or in the ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences. The WG members will be encouraged to submit their other papers to the ISPRS journals.

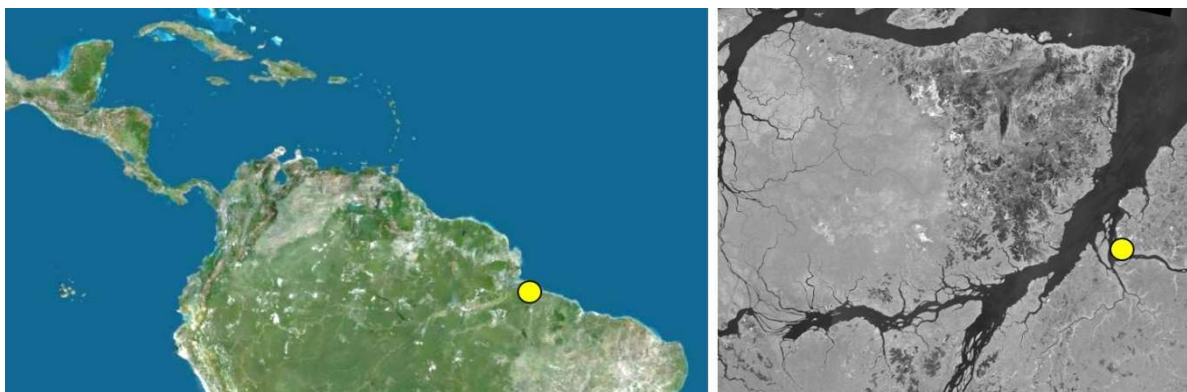
A web page, will present the commission and the various WGs, will announce the events, and will report on the activities.

Proposal for the mid-term symposium

The mid-term symposium will be held in 2024 in Belém (Brazil), under the coordination of UFPA (local organisation) and SELPER-Brasil (administrative management), with the support of the regional centre of INPE (COEAM). It will be the first time an ISPRS symposium is held in Latin America since 2002. The choice of the date will be discussed as soon as possible with the Council, preferably from July onwards in order to avoid the rainy season and to offer better weather conditions.

The city of Belém, also called *cidade das mangueiras* (city of mango trees), is located on the banks of the Amazon estuary and facing big challenges in terms of urban planning and environment threats: it is a relevant place to discuss about remote sensing. The city has an infrastructure, accommodation capacity and flight connections that are fully adequate for the organisation of an international event. In addition, the city and its region will give the opportunity to plan unforgettable excursions in typical tropical environments.

The municipality of Belém is aware of our project. The mayor, Prof. Edmilson Rodrigues, and the services of SEMMA (Municipal Secretariat for the Environment) are at our disposal to support this initiative.



Two scale location of Belém in optical (left) and radar (right) image mosaics.



The contrasted city of Belém and the muddy water of the Amazon estuary

Conclusion

We are aware of the main tasks of a Technical Commission and the specific areas of responsibility for Commission III, as defined by Bylaw XIII and appendix 1 of the Orange Book. They will constitute the guidelines of the commission presidency if our bid is successful.

We are aware that by proposing a strictly bi-national commission, and despite the interest of this choice, we are creating an unusual scenario. We will work hard, not only to make it a success, but also to demonstrate to the ISPRS community that a bi-national commission is relevant and to encourage similar initiatives in the future.

On behalf of the bidding team,

A handwritten signature in blue ink, consisting of a stylized 'L' and 'P' followed by a horizontal line.

Laurent Polidori

Curriculum vitae

Laurent Polidori

Professor at CNAM (Paris, France) laid-off

Professor at UFPA (Belém, Brazil)

Associate researcher at CESBIO (Toulouse, France)

<https://www.cesbio.cnrs.fr/author/laurent-polidori/>



Laurent Polidori is graduated in cartographic engineering (1987), completed a master's degree in physics (1987), a doctorate in geosciences (1991) and an habilitation to supervise research (2001) from the University of Paris. He has experience in remote sensing and photogrammetry, with applications in geoscience, environmental sciences and land administration. He was a researcher in the space industry (Aérospatiale, Cannes, France, 1991-1999) and in environmental research (IRD, Cayenne, French Guiana, 1999-2006). He was a full professor at CNAM (Conservatoire National des Arts et Métiers, Paris, France, 2007-2015), where he was the director of ESGT ("Ecole Supérieure des Géomètres et Topographes", i.e., institution of higher education and research in cartography and land administration) and created and head the GeF ("Géomatique et Foncier", i.e., research laboratory in cartography and land administration). He was transferred to CNRS (Centre National de la Recherche Scientifique) as a full researcher, director of CESBIO (Center for Studies of the Biosphere from Space, Toulouse, France, 2016-2020). He is currently full professor at CNAM laid-off, professor at UFPA (Belém, Brazil) and associate researcher at CESBIO (Toulouse, France).

He is member and he was vice-president (2002-2008) and president (2008-2014) of SFPT (Société Française de Photogrammétrie et de Télédétection, i.e., the ordinary member of ISPRS for France).

He is a member and he was vice-president (2008-2011) of AFIGéo (Association Française pour l'Information Géographique).

He is member and vice-president (since 2022) of SELPER-Brasil (the ordinary member of ISPRS for Brazil).

He is the author or coordinator of 7 books and numerous publications and communications in the field of remote sensing and land surface mapping.

My experience of the ISPRS ecosystem

I have been actively involved in the work and functioning of ISPRS for more than 25 years

Chairman WG III/6 “Theory and algorithms for synthetic aperture radar” (1996-2000)

Co-chair : Soren Madsen (Denmark)

under Commission presidency of Tony Schenk (USA)

Organization of WG workshop in Cannes (France)

Chairman WG VIII/4 “Management of Tropical Environments Research” (2004-2008)

Co-chair : Pedro Walfir Souza (Brazil)

under Commission presidency of Ammatzia Peled (Israel)

Organization of WG workshop in Belém (Brazil)

Member of SFPT, ordinary member

Vice-president of SFPT (2002-2008)

Organization of TC III mid-term symposium (2010) in France (under TCP Nicolas Paparoditis)

President of SFPT (2008-2014), ISPRS delegate for France

Organization of French national bid for the ISPRS Congress in 2012 (successful in 2016)

Delegate for France to SELPER (ISPRS regional member for Latin America) since 2019

In charge of relations with ISPRS since 2020

Organization of XXIVth ISPRS Congress (2020-2021-2022)

Member of organizing committee, vice-director (under the direction of Nicolas Paparoditis)

Organization of forum track

In charge of relations with national institutions

Member of SELPER-Brasil, ordinary member

Vice-president of SELPER-Brasil since 2022

Member of ISAC, International Scientific Advisory Committee (2016-2022)

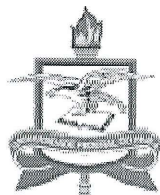
under presidency of Ian Dowman

Member of IPAC, International Policy Advisory Committee (2022-2026)

under presidency of Gunter Schreier

Regular reviewer for ISPRS publications

Laurent Polidori



Universidade Federal do Pará
Gabinete da Reitoria

SUPPORT LETTER

To whom it may concern:

Prof. Laurent Polidori submits to the ISPRS (International Society for Photogrammetry and Remote Sensing) a bi-national France-Brazil application for the presidency Commission III "Remote Sensing". Prof. Polidori is an academic member of the Institute of Geosciences within UFPA, in the Post-graduate Program in Geology and Geochemistry. He has teaching and research activities in remote sensing and maintains a close partnership with the French research center CESBIO. I am sure that he is capable of assuming a scientific coordination task within the international context of ISPRS and I strongly support his application. If his proposal is accepted:

- UFPA, recognizing the workload of chairing a commission, allows Prof. Polidori to devote himself to it and will give him all its support.
- UFPA will provide logistical support for the organization of the mid-term commission symposium in Belém (Brazil) in 2024.

With best regards,


EMMANUEL ZAGURY TOURINHO
RECTOR

Curriculum Vitae (resume)

ALESSANDRA RODRIGUES GOMES

Born in Campo Grande (MS State, Brazil). Graduated in Ecology from Universidade Estadual Paulista Júlio de Mesquita Filho - UNESP (1995), Master's in Remote Sensing from National Institute for Space Research – INPE (2000) and PhD in Geoscience and Environment from Universidade Estadual Paulista Júlio de Mesquita Filho – UNESP (2011).

Alessandra has worked in different companies of remote sensing since the beginning of her career and from 2009, Alessandra is a Technologist from Spatial Coordination of Amazon of National Institute for Space Research (COEAM/INPE), in Belém city. Acting as a supervisor of scholarship holders, working with geotechnologies for forest, forest degradation, land use monitoring by satellite images (radar and optical) and projects that involve capacity building in tropical forest for Brazilians and foreigners, in a project called Capacitree.

She has developed projects related to capacity building and knowledge transfer with Japanese International Cooperation Agency (JICA), Amazon Cooperation Trade Organization (ACTO) and Food and Agriculture Organization of the United Nations (FAO/UN). In FAO/Rome Alessandra spent some months as a visitor/researcher discussing the follow-ups from the countries trained and best practices in remote sensing for forest monitoring.

She is also a Member of Geosciences and Remote Sensing Society (GRSS) – Brazilian Chapter and Latin American Remote Sensing Society (SELPER).

Belém, 25th, April, 2022.





MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÕES



INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS

To:

LENA HALOUNOVA

General Secretary – ISPRS

isprs-sg@isprs.org

Dear Madam,

Ms. Alessandra Rodrigues Gomes is associated as vice-president to the bid submitted by Laurent Polidori for ISPRS Commission III for the period 2022-2026.

Given her experience and scientific skills in the field of remote sensing (applications), she is capable of successfully conducting the project.

As head of Spatial Coordination of Amazon (COEAM) from the National Institute for Space Research (INPE), of which Ms. Gomes is a member, I confirm her availability for this activity and the support of the Institution.

Best regards,

Eduardo Amorim Martins de Souza

Head of COEAM / INPE



Documento assinado eletronicamente por **Eduardo Amorim Martins de Souza, Coordenador Espacial da Amazônia substituto**, em 20/04/2022, às 12:23 (horário oficial de Brasília), com fundamento no § 3º do art. 4º do [Decreto nº 10.543, de 13 de novembro de 2020](#).



A autenticidade deste documento pode ser conferida no site <http://sei.mctic.gov.br/verifica.html>, informando o código verificador **9722530** e o código CRC **19917463**.

Jean-François Faure

Jean-François Faure is a Research Engineer in remote sensing applications and data processing. He is a French public servant at the Institut de Recherche pour le Développement – IRD.

J-F Faure is graduated in Environmental Sciences with a specialization in remote sensing from the Denis Diderot University (Paris, 1994). He completed a master's degree in Physical Geography and Environmental Sciences (University Denis Diderot, 1996) and a master's degree in Territorial and Environmental Management (1997), both with specializations in remote sensing.

J-F Faure is currently the Executive Secretary of the French National Facility for Institutional Procurement of Very-High-Resolution Satellite Imagery – “DINAMIS”. He is in charge of coordinating the management of the Facility, sustained by a Consortium (CNES, IGN, IRD and other French governmental organizations). DINAMIS hosts and exploits national infrastructures dedicated to direct acquisition, telemetry and image processing, dissemination for non commercial uses of datasets provided by French very high resolution satellite missions. The Facility supports or addresses scientific applications and end-users needs; it provides end-user tools and services on the web, and delivers ready to use very high resolution imageries.

He was Responsible for the creation of the Remote sensing Laboratory at the Museu Paraense Emilio Goeldi (MPEG) in Belém (Pará State, Brazil, 1998-2001). He then worked as an Associated Researcher at the Centre of Amazonian Studies, Federal University of Para (Belém, Brazil, 2001-2003) and as Lecturer at the University of Orléans, France (Geography Department, 2003-2004). J-F Faure then integrated the IRD in 2004, and took a position in French Guiana (2005-2011) as Responsible for the SEAS Guyane Facility (Remote Sensing platform for Environmental Monitoring and Surveillance) where he continued to develop scientific applications of spaceborn Earth Observation data in the fields of urban monitoring and of mangrove management. Between 2011 and present time, is has been involved in French National Projects (ANR Equipex) or scientific projects (IRD, CNES/Tosca) related to spaceborn data infrastructures and data processing methodologies.

J-F Faure is member of his Research Unit's Scientific Council, member of the French National Theia Land Data Center's Executive Committee and member of the French National Data Terra Research Infrastructure's Executive Committee.

Montpellier, 08/04/2022

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Carmen.gervet@ird.fr

Support Letter

Jean-François Faure is associated as Secretary to the bid submitted by Laurent Polidori for ISPRS Commission III for the period 2022-2026.

Given his experience and scientific skills in the field of remote sensing applications, he is capable of successfully conducting the project.

As head of the Espace-dev Research Unit in Montpellier, France, of which Jean-François Faure is a member, I confirm his availability for this activity and the support of the institution.

Carmen Gervet
Director of Espace-dev Research Unit



Carmen GERVET
DIRECTRICE
UMR Espace-Dev



Centre d'Etudes Spatiales de la Biosphère
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31401 Toulouse Cedex 9
France
Email : Mehrez.Zribi@cesbio.cnes.fr

Toulouse, the 4th April 2022

To whom it may concern :

Prof. Laurent Polidori submits to the ISPRS an application for a bi-national presidency (France-Brazil) for Commission III "Remote Sensing". Prof. Polidori is a senior scientist in remote sensing, he has been the director of CESBIO (2016-2020) to which he has remained linked as an associate researcher after moving to UFPA (Brazil). I believe he has the experience and skills to assume the presidency of an ISPRS commission. I strongly support his application. If his proposal is accepted, CESBIO will provide support to Prof. Polidori including an operating budget of 8,000 euros for the period 2022-2026.

Mehrez Zribi

Head of du CESBIO laboratory

Directeur du
CESBIO

Mehrez ZRIBI

Centre d'Etudes Spatiales de la BIOSphère – UMR 5126 (UPS-CNRS-CNES-IRD)

Dr Celine MARI
Director of scientific department at IRD

Marseille, April 2nd 2022

To Dr Laurent Polidori,

Dear Laurent,

You have informed me of your wish to apply for the presidency of the ISPRS Commission 3 by proposing a bi-national France-Brazil Commission. I congratulate you on this initiative.

As you know, IRD is present in almost all developing countries, where our collaborative research makes significant use of remote sensing. If you need a relay in these countries to reinforce the work of Commission 3, you can count on the support of the IRD to promote your program and encourage participation in Latin America, Africa and Asia.

Remember also, for the mid-term symposium in 2024, that IRD has funding mechanisms to support symposia in developing countries.

I wish you good luck for the success of this project.

Best regards

Céline MARI
Directrice du Département DISCO
IRD

