



ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA

il Direttore

**Istituto Nazionale di Geofisica
e Vulcanologia
AOO INGV**

Protocollo Generale - U

N. 0000474

del 11/01/2019



Gestione WEB

Ai Direttori dei Dipartimenti

Ai Direttori delle Sezioni

Al Direttore della Direzione Centrale Affari Generali e Bilancio

Al Responsabile del Centro Servizi per il coordinamento delle attività
a supporto della Ricerca

All'Ufficio Bilancio

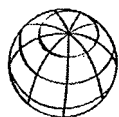
Al Dott. Luca SPOGLI

Alla Segreteria della Presidenza

Oggetto: Pubblicità atti

Si notifica in copia l'allegata Delibera n. 723/2018 del 30/11/2018 – Allegato I al Verbale n. 10/2018 concernente: Accordo di collaborazione tra l'Istituto Nazionale di Geofisica e Vulcanologia (INGV), e *Embry-Riddle Aeronautical University* (ERAU).

TULLIO REPE



Delibera n. 723/2018

Allegato I al Verbale n. 10/2018

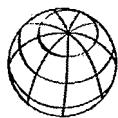
Oggetto: Accordo di collaborazione tra l'Istituto Nazionale di Geofisica e Vulcanologia (INGV) e *Embry -Riddle Aeronautical University* (ERAU).

IL CONSIGLIO DI AMMINISTRAZIONE

- **VISTO** il Decreto legislativo 29 settembre 1999, n. 381, concernente la costituzione dell'Istituto Nazionale di Geofisica e Vulcanologia (INGV);
- **VISTO** il Decreto legislativo 25 Novembre 2016, n. 218, recante *"Semplificazione delle attività degli Enti Pubblici di Ricerca ai sensi dell'art. 13 della Legge n. 124/2015"*;
- **VISTO** lo Statuto dell'Istituto Nazionale di Geofisica e Vulcanologia approvato con Delibera n. 424/2017 del Consiglio di Amministrazione, in data 15 settembre 2017 - pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana - Serie Generale n. 27 del 02 febbraio 2018 in particolare l'art. 8, comma 6, lettera f), il quale prevede che il CdA *"...delibera la partecipazione a società, fondazione e consorzi, nonché la stipulazione di accordi con organismi nazionali, europei e internazionali"*;
- **VISTO** il Regolamento di Organizzazione e Funzionamento dell'Istituto Nazionale di Geofisica e Vulcanologia emanato con Decreto del Presidente n. 45 del 21/02/2018 e pubblicato sul sito istituzionale;
- **VISTO** il Regolamento di Amministrazione, Contabilità e Finanza pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana - Serie Generale n. 119 del 14 maggio 2018 e pubblicato sul sito istituzionale;
- **VALUTATA** l'opportunità di sottoscrivere l'Accordo di collaborazione con *Embry -Riddle Aeronautical University* (ERAU);
- **CONSIDERATO** che le Parti, con il presente Accordo, istituiscono una cooperazione internazionale, con l'obiettivo di promuovere e rafforzare una collaborazione scientifica nell'ambito della fisica ionosferica e della meteorologia spaziale;
- **VISTI** i pareri favorevoli dei Direttori di Sezione e di Dipartimento,

DELIBERA

L'approvazione dello schema dell'Accordo di collaborazione tra l'Istituto Nazionale di Geofisica e Vulcanologia (INGV) e *Embry -Riddle Aeronautical University* (ERAU), allegato alla presente quale parte integrante e sostanziale (all. 1).



Viene dato mandato al Presidente dell'INGV alla sottoscrizione definitiva dell'atto in questione.

Letto, approvato e sottoscritto seduta stante.

Roma, 30/11/2018

La segretaria verbalizzante
(Sig.ra Silvana TUCCI)

Silvana Tucci

IL PRESIDENTE
(Prof. Carlo DOGLIONI)

**COOPERATION AGREEMENT BETWEEN ISTITUTO NAZIONALE GEOFISICA E
VULCANOLOGIA AND EMBRY-RIDDLE AERONAUTICAL UNIVERSITY IN THE
FIELD OF IONOSPHERIC PHYSICS AND SPACE WEATHER**

The Istituto Nazionale di Geofisica e Vulcanologia, hereafter "INGV", with address Via di Vigna Murata 605, 00143 Rome (Italy), represented by its President, Prof. Carlo Doglioni.

and

Embry-Riddle Aeronautical University, hereafter "ERAU", with address 600 Clyde Morris Boulevard Daytona Beach, FL 32114, USA, represented by its Director of Office of Sponsored Research, Nanette Guzman.

INGV and ERAU are both hereinafter referred to collectively as "Parties" and individually as a "Party".

CONSIDERING THAT

- ERAU is a private university whose key mandate is to provide quality education, training, research and outreach and opportunity for innovation for the advancement of the individual and society. ERAU accepts funding for research projects from government agencies and the military, and regularly conducts government sponsored research.
- ERAU's Center for Space and Atmospheric Research (CSAR) and the Department of Physical Sciences has about 20 Space Physics, Engineering Physics and Astronomy Astrophysics faculty members, 10-15 graduate students and postdocs at the forefront of research in the areas from galactic and planetary sciences to space instrumentation and magnetosphere-ionosphere-atmospheric physics. ERAU has 2 GNSS scintillation monitors (NovatelGPStation6) on its Daytona Beach campus. ERAU, through CSAR, is interested in deploying more of these stations worldwide in order to study Space Weather and monitor ionospheric activity using GNSS observations.
- INGV is currently the largest European public research institution in Geophysics and

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Volcanology.

- INGV's main mission is monitoring and studying the geophysical phenomena in both the solid and fluid components of the Earth. In particular, INGV owns and manages permanent ionospheric and magnetic observatories and networks collecting measurements which are at the basis of important achievements in the space weather field. INGV, in particular the "Sezione RM2" has scientific activities focused on the systematic observations of space and ionospheric phenomena providing radio propagation and space weather services.
- Based on this common goal between INGV and ERAU; it is possible and useful for mutual benefits, to establish a closer collaboration between the two institutes to develop scientific and technological activities;

Considering the development of cultural and scientific cooperation to be of mutual advantage to both parties, and desiring to reinforce such cooperation, the parties agree on the following:

Scientific and educational cooperation undertaken in the fields of Ionospheric Physics and Space Weather

Such cooperation shall be carried out on the basis of equal and mutual advantage, taking into consideration, through mutual consent, the budget available at the moment in time and the experience acquired by the interested staff from both the parties.

1. Scientific and educational cooperation may be implemented in the following ways:
 - a) Sharing of equipment for common scientific interest;
 - b) Participation to common measurement campaigns.
 - c) Exchange of scientific information and scientific papers;
 - d) Exchange of visits;
 - e) Participation in research programmes;
 - f) Organization of scientific meetings, seminars and courses on subject(s) laid down in the Agreement;

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- g) The parties will put more detailed agreements in place for specific projects as needed.
2. To realize the afore-mentioned points, it is possible to promote a reciprocal exchange of scientific staff between both parties, in accordance with the available budget. The exchange of visits, within the conditions stated above, shall, in all circumstances, be based on a condition of reciprocity.
 3. At least two months before the presumed starting date of planned activities, the respective scientific staff involved in the project at both institutions shall make contact, exchanging all the necessary information about procedures, times and everything required for the effective execution of the programme.
 4. The respective scientific personnel responsible for the project are **Dr. Luca Spogli for INGV** and **Dr. Kshitija Deshpande for ERAU**.
 5. Staff sent by one institution to the other must have both medical and accident insurance. The host institution will not be responsible for any costs of the traveling staff member, and will not provide medical or accident insurance.
 6. Each party shall ensure, in compliance with its respective laws and regulations, any kind of assistance and facilities for scholars temporarily residing on its territory, allowing them to perform the assigned tasks under provisions of this Agreement.
 7. At the end of this agreement or if the agreement is terminated early each institution will return any equipment borrowed by the other institution under this agreement at the institutions own expense.
 8. This Agreement is subject to the approval of the competent authorities, according to the national laws of each Parties, and will come into force when the signatures by ERAU director and INGV-Director of the Office of Sponsored Research are affixed.
 9. In case of common measurement campaign the parties agree to provide necessary support for the selection of hosting site(s), the installation of equipment and the corresponding data collections and initiatives within the framework of this Agreement shall be available to both Parties. The availability to a third Party shall be evaluated and mutually agreed on a case-by-case basis. Costs of damage and/or aging of the instrumentation used for the common campaign are in charge of the owner of the instrument itself.
 10. The scientific and technical results derived from the observing data from any station or

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equipment establishment arising from this agreement shall be shared and published mutually.

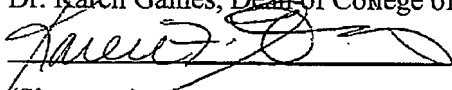
11. This agreement shall remain in force for three (3) years and may be terminated by either party with a minimum of 120 days written notice. Activities in progress at the time of termination of this Agreement shall be permitted to conclude as planned unless otherwise agreed.
12. Parties may apply for renewal of the Agreement for a further period of equivalent duration. If not renewed, the Agreement expired ceases its effects, without prejudice to the continuation of any ongoing activities.
13. An arbitrator's council, made up of a member chosen by each contracting party and a jointly chosen one, shall resolve any eventual controversy concerning the interpretation and application of this Agreement.

Date

Istituto Nazionale di Geofisica e Vulcanologia
Prof. Carlo Doglioni

(Signature)

Embry-Riddle Aeronautical University
Dr. Karen Gaines, Dean of College of Arts and Sciences, ERAU


(Signature)

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