

**ARPAE**

**Agenzia regionale per la prevenzione, l'ambiente e l'energia  
dell'Emilia - Romagna**

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**Atti amministrativi**

Determinazione dirigenziale	n. DET-2022-1012	del 22/12/2022
Oggetto	Struttura Idro-Meteo-Clima. Approvazione della Convenzione con il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) per l'organizzazione del convegno "ISDA 2023".	
Proposta	n. PDTD-2022-1034	del 22/12/2022
Struttura adottante	Struttura Idro-Meteo-Clima	
Dirigente adottante	Nanni Sandro	
Struttura proponente	Struttura Idro-Meteo-Clima	
Dirigente proponente	Dott. Nanni Sandro	
Responsabile del procedimento	Alberoni Pier Paolo	

Questo giorno 22 (ventidue) dicembre 2022 presso la sede di Viale Silvani, 6 in Bologna, il Responsabile della Struttura Idro-Meteo-Clima, Dott. Nanni Sandro, ai sensi del Regolamento Arpae per l'adozione degli atti di gestione delle risorse dell'Agenzia, approvato con D.D.G. n. 114 del 23/10/2020 e dell'art. 4, comma 2 del D.Lgs. 30 marzo 2001, n. 165 determina quanto segue.

**Oggetto: Struttura Idro-Meteo-Clima. Approvazione della Convenzione con il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) per l'organizzazione del convegno "ISDA 2023".**

VISTI:

- la L.R. 19 aprile 1995, n. 44 che istituisce l'Agenzia Regionale per la Prevenzione e l'Ambiente dell'Emilia-Romagna (ARPA) ed in particolare l'art. 5 che definisce le attività nell'ambito delle quali il Servizio Idro-Meteo-Clima di Arpa (Arpa-SIMC) opera;
- l'art. 5 della stessa legge che, al comma 2, prevede: "per l'adempimento delle proprie funzioni, attività e compiti, Arpa può definire accordi o convenzioni con aziende ed enti pubblici, operanti nei settori suolo, acque, aria, ambiente; in particolare per quanto concerne la raccolta dei dati e la gestione di sistemi informativi e di rilevamento";
- l'art. 15 della L. 7 agosto 1990, n. 241, ai sensi del quale le pubbliche amministrazioni possono concludere tra loro accordi per disciplinare lo svolgimento in collaborazione di attività di interesse comune;
- la L.R. 30 luglio 2015 n. 13 "Riforma del sistema di governo regionale e locale e disposizioni su città metropolitana di Bologna, province, comuni e loro unioni" che, all'articolo 16 ridenomina questo ente "Agenzia regionale per la prevenzione, l'ambiente e l'energia dell'Emilia-Romagna" (acronimo Arpae) estendendone le competenze;
- la D. D. G. 27 del 5/03/2020 con la quale è stato approvato lo schema di Protocollo d'Intesa con l'Alma Mater Studiorum - Università di Bologna per la collaborazione su tematiche di comune interesse, e sottoscritto in data 6/03/2020;
- la D. D. G. n.133 del 23/12/2021 con la quale è stato approvato l'Accordo di collaborazione biennale con la Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile per il progetto MODMET 2022-2023;

RICHIAMATO:

- il Regolamento per l'adozione degli atti di gestione delle risorse dell'Agenzia approvato con Delibera del Direttore Generale n. 114 del 23/10/2020;

PREMESSO:

- che tra le attività previste dall'accordo di collaborazione MODMET è contemplata anche la disseminazione e divulgazione dei risultati ottenuti ed inoltre la partecipazione a convegni specialistici del settore per aumentare il know-how del personale afferente al Centro di Competenza;
- che l'attività di modellistica numerica meteorologica, attività centrale del progetto MODMET, necessita, per una corretta rappresentazione dello stato dell'atmosfera, della definizione delle condizioni iniziali per l'integrazione del modello;
- che tale definizione avviene per mezzo di tecniche specialistiche denominate "Data Assimilation";
- che l'International Symposium on Data Assimilation (ISDA) è una serie di seminari internazionali specializzati sul tema della Data Assimilation e rappresenta il convegno di riferimento per la comunità;
- che la nona edizione di tale seminario si terrà a Bologna nel 2023;
- che per l'organizzazione di tale evento sono intercorsi contatti tra la Struttura Idro-Meteo-Clima di Arpae, il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) volti alla definizione di un accordo per la co-organizzazione della conferenza ISDA 2023;

RITENUTO:

- opportuno, per di approvare la Convenzione con il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) per l'organizzazione della nona edizione del convegno "INTERNATIONAL SYMPOSIUM ON DATA ASSIMILATION - ISDA 2023" il cui schema si allega sub A) al presente atto quale parte integrante e sostanziale;

PRECISATO:

- che la Convenzione tra le parti avrà validità fino al 31/12/2023 a partire dalla data di sottoscrizione;
- che la suddetta convenzione comporta un contributo pari ad Euro 15.000,00 che Arpae-SIMC si impegna a versare entro il 31/01/2023;

SU PROPOSTA:

- del dott. Sandro Nanni, il quale ha espresso parere favorevole in merito alla regolarità amministrativa e tecnica del presente atto;

ACQUISITO:

- il parere favorevole di regolarità contabile espresso, dalla referente amministrativa rag. Daniela Ranieri;

DATO ATTO:

che il Responsabile del procedimento è il dott. Pier Paolo Alberoni;

DETERMINA:

1. di approvare la Convenzione con il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) per l'organizzazione della nona edizione del convegno "INTERNATIONAL SYMPOSIUM ON DATA ASSIMILATION - ISDA 2023" il cui schema si allega sub A) al presente atto quale parte integrante e sostanziale;
2. di dare atto che il costo presunto di Euro 15.000,00 avente natura di "Costi per contributi a enti pubblici", relativo al presente provvedimento è a carico dell'esercizio 2023 con riferimento al progetto MODMET (codice: 23MM).

IL RESPONSABILE DELLA  
STRUTTURA IDRO-METEO-CLIMA  
(F.to Dott. Sandro Nanni)

**COLLABORATION AGREEMENT FOR THE ORGANISATION OF THE CONFERENCE**

**9TH INTERNATIONAL SYMPOSIUM ON DATA ASSIMILATION - ISDA 2023**

**AMONG**

Alma Mater Studiorum - Università di Bologna, with registered office in Bologna (Italy), Via Zamboni n. 33, C.F. 80007010376, P.IVA n. 01131710376, through the **Department of Physics and Astronomy “Augusto Righi”** with registered office in Bologna (Italy), Viale Berti Pichat, 6/2, represented by the Director of the Department, Prof. Andrea Cimatti,

(hereinafter referred to as “**DIFA**” or, indistinctly, as the “Party”);

**AND**

**Agenzia nazionale per la meteorologia e climatologia – ItaliaMeteo**, with registered office in Bologna (Italy), Via dei Mille 21, C.F. 91449310373, represented by the Director of the Agenzia, Dr. Carlo Cacciamani,

(hereinafter referred to as “**ITALIAMETEO**” or, indistinctly, as the “Party”);

**AND**

**Agenzia Regionale per la prevenzione, l'ambiente e l'energia dell'Emilia-Romagna – Struttura Idro-Meteo-Clima**, with registered office in Bologna (Italy), Via Po n.5, P.IVA 04290860370, through the Struttura Idro-Meteo-Clima with registered office in Bologna (Italy), Viale Silvani n.6, represented by the head of the HydroMeteoClima structure, Dr. Sandro Nanni

(hereinafter referred to as “**Arpae-SIMC**” or, indistinctly, as the “Party”);

**AND**

**European Centre for Medium-Range Weather Forecasts-ECMWF**, with registered office in the United Kingdom, Shinfield Park, Shinfield Road, Reading RG2 9AX, United Kingdom, fiscal code 91148050684, represented by the Director of Research, Dr. Andy Brown,

(hereinafter referred to as “**ECMWF**” or, indistinctly, as the “Party”);

**WHEREAS**

- (A) DIFA is one of the major players in the broad sector of weather and climate science in Italy. It offers advanced masters, unique in the Italian academic panorama, in Physics of Earth Systems and Climate Science, that attracts students from all country and beyond. Moreover, the PhD program frontiers represent a training and research platform on climate and societal challenges;
- (B) ITALIAMETEO Agency is the national weather service in Italy, established by the law n. 205/2017, and it offers operational weather and climate products and services, acting in strong connection with many Italian “Meteo Bodies” in Italy and in connection with Universities and Research institutions working in Physics of Earth Systems and Climate Science;
- (C) Arpae-SIMC is part of the COSMO consortium, in which collaborate on the high-resolution ensemble and Data Assimilation, it is also a Competence Center, in numerical modelling and radarmeteorology, for the national civil protection department. In these regards it collaborates at national and international level to improve weather forecasting performances;
- (D) ECMWF is an independent intergovernmental organisation established in 1975 and supported by 35 states. ECMWF is both a research institute and a 24/7 operational service, producing and disseminating numerical weather predictions to its Member States. ECMWF is headquartered in Reading, United Kingdom, with additional sites in Bologna, Italy, and Bonn, Germany. Further information is available at its website: <https://www.ecmwf.int>;
- (E) ARPAE entered into a Memorandum of Understanding with Alma Mater Studiorum Università di Bologna (Rep. 2216/2020 Prot. N. 48638 del 06/03/2020) to activate permanent instruments of consultation and programming of collaboration, aimed at coordinating the activities in the field of environmental and territorial sciences;
- (F) ECMWF entered into a Memorandum of Understanding with Alma Mater Studiorum Università di Bologna (Rep. n. 1704/2022 Prot n. 23115 del 26/01/2022), to collaborate in Research and education, teaching and training activities, to develop exchange programs for visiting staff, for innovation and technology transfer and dissemination activities;
- (G) The International Symposium on Data Assimilation (ISDA) is a seminar series on the topic of Data Assimilation. ISDA is at its 9<sup>th</sup> edition. It started in 2011 in Germany and soon became

one of the most prestigious and relevant events in the area, with hundreds of participants from all around the world from the academia, public and private sector;

- (H) The 9th International Symposium on Data Assimilation (ISDA2023) continues a series of well received and attended events: ISDA2022 in Fort Collins (USA), ISDA2019 in Kobe (Japan), ISDA2018 in Munich (Germany), ISDA2016 in Reading (UK), ISDA2015 in Kobe (Japan), ISDA2014 in Munich and the first two symposia at the German met office DWD in Offenbach in 2012 and 2011, following the grant vision of Prof. Roland Potthast;
- (I) The ISDA2023 is organised in Italy for the first time, and in particular it will take place in Bologna;
- (J) From 2021 the computer and data centre of the European Centre for Medium Range Weather Forecast (ECMWF) has been relocated to Bologna, thus strengthening the role and relevance of Bologna in Europe as a major hub in the discipline;
- (K) The Emilia-Romagna regional weather service (Arpae-SIMC) has an outstanding tradition and worldwide reputation in limited area modelling of the atmosphere, probabilistic forecast and, more recently data assimilation, which placed the service among the leaders in Europe;
- (L) The new national Italian weather forecast agency (ITALIAMETEO), has been based in Bologna;
- (M) The Parties, in view of their objectives, are interested in collaborating with DIFA in the organisation of the annual conference, that will take place in Bologna from 16 to 20 October 2023;
- (N) Local organisation may be entrusted to the Alma Mater Foundation (hereinafter referred to as 'FAM'), which has confirmed its availability to organise the event;

**THE PARTIES AS HEREINBEFORE DEFINED AGREE AND STIPULATE AS FOLLOWS**

**Article 1 - Object of the Agreement**

**1.1** The premises form an integral part of this agreement.

**1.2** The Parties shall cooperate to organise the Conference ISDA 2023 that will take place in Bologna from 16 to 20 October 2023 under the conditions specified below.

**1.2** DIFA will be responsible for the following activities:

- All local organisation aspects, including through the outsourcing of services to third parties.

**1.3** The Parties commit to pay a contribution before 31 January 2023 for the organisation of the event as follows:

- ITALIAMETEO: € 35.000
- Arpae-SIMC: € 15.000
- ECMWF: € 5.000

The Parties agree that the contribution of a Party could be reduced, including by partial repayment of amounts already transferred after the event, for the Party providing private sponsors willing to funding the event and upon written integration of the present Agreement.

## **Art. 2 - Responsibility for activities**

**2.1** The Parties shall ensure the best possible implementation of this Act by designating the following as their scientific contact persons:

DIFA: prof. Alberto Carrassi (alberto.carrassi@unibo.it)

ITALIAMETEO: Carlo Cacciamani - carlo.cacciamani@gmail.com

Arpae-SIMC: Pier Paolo Alberoni – palberoni@arpae.it

ECMWF: Massimo Bonavita - massimo.bonavita@ecmwf.int

**2.3** Either Party may at any time replace its designee as aforesaid by promptly notifying the other Party in writing.

## **Art. 3 – Scientific Advisory Committee and Staff**

**3.1** For the purpose of organising the event covered by this Agreement, each responsible for the agreement mentioned in the previous article, will nominate the members of the Scientific Advisory Committee.

The abovementioned Committee takes part in the following activities:

- Planning the symposium content: themes, schedule, promotion, and abstract selection;
- Selection of the invited speakers (up to 5) who will deliver a keynote talk.



**3.2** For the purpose of the execution of this agreement, each Party may avail itself of the collaboration of its own personnel, including non-employees (e.g., research fellows, scholarship holders, contractual collaborators) and of external personnel specialized in relation to the type of activities to be carried out.

#### **Art. 4 - Term**

**4.1** This agreement takes effect from the date of signature by the Parties and shall end on 31.12.2023.

**4.2.** The duration may be extended, should this be necessary or appropriate in view of the development of the activity following the Conference.

#### **Art. 5 – Financial Management**

**5.1** No later than 31 January 2023, Parties shall provide the payment by bank transfer in favour of the Dipartimento di Fisica e Astronomia “Augusto Righi” - DIFA to its bank account opened at Credit Agricole Italia S.p.A (Agenzia via Marconi n. 16 - 40100 Bologna), as stated in Art. 1.3.

Causal: ISDA2023 organisation contribution

IBAN IT27L0623002402000057852041

SUB-ACCOUNT 7207

SWIFT CRPPIT2P522

**5.2** Within 60 days of the conclusion of the event, DIFA will provide the Parties with a statement of the expenses incurred.

#### **Art. 6 - Use of trademarks**

**6.1** The DIFA’s institutional trademark is exclusively owned by the Alma Mater Studiorum - Università di Bologna. The Parties may not use the trademark and/or the name of the University and/or its structures as distinctive signs or for advertising purposes without the prior written authorization of the University. This shall not include the use of the name for descriptive purposes allowed by law, pursuant to article 21 of Italian Legislative Decree No. 30/2005, as long as it is shown in its proper form and, in any case, prior notice is given to the DIFA.

## **Art. 7 - Confidentiality**

**7.1** The Parties recognise the confidential nature of any confidential information exchanged under this Agreement and accordingly undertake to:

- not to disclose to third parties, either in whole or in part, directly or indirectly, in any form whatsoever, any confidential information communicated to them by the other Party;
- not to use either in whole or in part, directly or indirectly, any confidential information communicated to them by the other Party for any purpose other than that provided for in this Agreement.

**7.2** The Parties undertake to indicate, from time to time, the information to be considered as confidential, the possible disclosure of which shall be authorised in writing.

Confidential information shall be disclosed only to those persons who objectively need to know it for the purposes of this Agreement and who have previously assumed an obligation of confidentiality in accordance with the provisions of this Agreement.

The Parties mutually acknowledge that nothing shall be considered undisclosed information if it can be shown that such information is, at the time of its disclosure, generally known or readily accessible to experts and others in the fields or subsequently becomes generally known or readily accessible to those in the fields by virtue of a choice made by the owner without the knowledge of the receiving Party having breached this Agreement.

## **Art. 8 - Privacy policy**

**8.1** The Parties reciprocally acknowledge that they have read and understood, pursuant to art. 13 of Regulation (EU) 2016/679 (General Data Protection Regulation), all the information provided about economic operators and suppliers of work, goods and services as published on [www.unibo.it/privacy](http://www.unibo.it/privacy).

ECMWF is an international organisation and complies with its own rules on data protection. Those rules are contained in the Policy on Personally Identifiable Information Protection, as amended from time to time.

## **Art. 9 - Applicable law and Jurisdiction**

**9.1** The interpretation and application of this Agreement, as well as the relationship between the Parties arising from it, shall be governed by Italian law, by way of exclusion of the application of private international laws and norms applicable in its jurisdiction.

The Parties shall endeavour to settle their disputes amicably. Any dispute which cannot be settled by the parties directly shall be submitted to mediation in accordance with the WIPO Mediation Rules. The place of mediation shall be Bologna. The language to be used in the mediation shall be English. Any dispute which has not been settled pursuant to the mediation within 60 calendar days of the commencement of the mediation shall, upon the filing of a Request for Arbitration by either Party, be referred to and finally determined by arbitration in accordance with the WIPO Expedited Arbitration Rules. The place of arbitration shall be Bonn. The language to be used in the arbitral proceedings shall be English.

#### **Art. 10 - Notices**

**10.1** Any notice to be given in relation to the execution of the present Agreement, or related thereto, must be sent via the following contact information:

<p>DIFA – Alma Mater Studiorum          Università di Bologna          Viale Berti Pichat 6/2, 40127 – Bologna          Clarissa Consaga - <a href="mailto:clarissa.consaga@unibo.it">clarissa.consaga@unibo.it</a></p>	<p>Arpae – Struttura Idro-Meteo-Clima          Viale Silvani, 6, 40122 Bologna          Daniela Ranieri - <a href="mailto:dranieri@arpae.it">dranieri@arpae.it</a></p>
<p>Agenzia Nazionale per la Meteorologia e Climatologia          Via dei Mille 21, 40121 Bologna          Moreno Tommasini - <a href="mailto:Moreno.tommasini@regione.emilia-romagna.it">Moreno.tommasini@regione.emilia-romagna.it</a></p>	<p>European Centre for Medium Range Weather Forecasts          Shinfield Park, Shinfield Rd, Reading RG2 9 AK, UK          Sinead McTavie - <a href="mailto:sinead.mcatavie@ecmwf.int">sinead.mcatavie@ecmwf.int</a></p>

**10.2** Any changes to the addresses indicated in the preceding sub-article must be notified to the other Party in a timely manner. Until such change is communicated, notices sent to the addresses indicated above will be considered validly delivered.

*This Agreement shall be registered if used, with related expenses and fixed fee pursuant to arts. 5 and 39 of Pres. Decree 131 dated 26.04.1986 borne by the interested Party.*

*The stamp duty will be paid digitally by the DIFA which, following Tax Authority authorization no. 140328 dated 13/12/2018, shall pay the entire amount of the stamp duty to the tax collection office (both its portion and that of the Parties).*

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*This Agreement is the result of negotiations between the Parties, which have together created 1 electronic copy of it. By signing this document electronically, the Parties confirm their approval of every part of the Agreement and of the Agreement in its entirety.*

For DIFA Prof. Andrea Cimatti	For ItaliaMeteo Dott. Carlo Cacciamani
For Arpae-SIMC Dr. Sandro Nanni	For ECMWF Dr. Andy Brown

N. Proposta: PDTD-2022-1034 del 22/12/2022

**Centro di Responsabilità: Struttura Idro-Meteo-Clima**

**OGGETTO: Struttura Idro-Meteo-Clima. Approvazione della Convenzione con il Dipartimento di Fisica e Astronomia dell'Alma Mater Studiorum Università di Bologna, l'Agenzia ItaliaMeteo ed il Centro Europeo per le Previsioni a Medio Termine (ECMWF) per l'organizzazione del convegno "ISDA 2023".**

**PARERE CONTABILE**

Il/La sottoscritto/a Dott/Dott.ssa Ranieri Daniela, Responsabile Amministrativo/a di Struttura Idro-Meteo-Clima, esprime parere di regolarità contabile ai sensi del Regolamento Arpae per l'adozione degli atti di gestione delle risorse dell'Agenzia.

Data 22/12/2022

Il/La Responsabile Amministrativo/a

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