

Name of the Union
Activities' Report - Year 2017

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and
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1. Introduction

With regard to the commitments made in the IAMAS-IUGG assembly, the National Delegate continued in his work to support the development of a national directory of Meteorology certified in support of the International Certification Body DEKRA that has developed in previous years a certification scheme that has been recognized in accordance with the international recommendations WMO 1083 by the Permanent Representative in the WMO Col. Silvio Cau. This activity is part of the national demand for professional figures certified in the Meteorological field as expressed also recently by the Minister for the Environment G.L. Galletti. This activity has today produced about 60 certified professionals and, in particular, two meteorological networks (EPSON Meteo and 3BMeteo) have certified the totality of its employees. In addition, RAI has decided to implement a policy that already sees its employees in meteorological communication as certified professionals. This activity of support to the certification actions, thus allows to bring our country to the level of the other European countries in the actions of recognizability of the weather professionals, allowing their entry into the wider international market and, at the same time, to protect it against foreign competitors (UK Met Office, Deutsche Wettersdien and Meteo France very aggressive on the European market). This action also has relevance in the habit of the Committee Capacity Building and Education because it has allowed to trace a precise path for the training of the professional figures of meteorologist and technician meteorologist. At the same time, the National Delegate supported an action aimed at the certification by the international recommendations WMO 1023 of a private meteorological network (3BMeteo) as the first network that responds to these characteristics extremely stringent, for now only prerogative of the large public weather providers. With compliancy to WMO 1083 and 1023 a new season opens in the National meteorological communication, being able to guarantee to the citizen-user a level of quality never before reached and to contribute strongly to the new demand of greater scientific rigor in the said communication.

I would like to point out the strategic importance of these activities not only for the IAMAS association that sees me as delegate, but also for the activities of the CNR, to which the merit is recognized, through the IUGG representation, of the impulse provided to these developments, impulse also recognized by representatives of the Civil Protection Agency. I suggest that around these issues we can open a confrontation, even at the level of the IUGG National Commission, or the Department "Terra e Ambiente", to harmonize of our ability to provide essential support to training and Certification of the professional figures in the Earth Sciences and in the certification of the systems/products related to the meteorological-climatological offer.

As head of the Italian delegation WMO at the next CAgM17-TECO in Seoul, it will be my concern to inform the corresponding officers WMO the results achieved to establish a bridge, which it is already foreseen by the international agreements between activities IUGG and WMO, where Italy is possibly invested in a promoter role of these initiatives.

As a final comment I would like to point out that the National Commission IUGG, by means of the President Prof. Giuliano Panza and Dr. Cecilia Lalle, with the contribution of the undersigned as Scientific Secretary, has operated a reconnaissance of the representative figures on the national scene participating in international activities (with institutional role) which can be a fundamental vehicle for the internationalization of these 'quality' instruments identified in the weather and climate sector and which surely also deserve extension to other areas of knowledge allowing a deeper penetration than our professionals in the global market.

2. Main activities carried on by (Union name) during 2017 relevant for Italy and for CNR

1. Support to certification processes of professional skills for meteorologist and technician meteorologist
2. Support to the process of WMO 1023 recommendations for private meteorological networks
3. Support at the entrance of the Federation of Meteorological Associations UNIMET in the IAMAS-IUGG system
4. Cooperation with the Permanent Representative WMO in the field of the meteorological sector and agrometeorology
5. Participation in the working table of the Italian Society of Physics for the creation of the Order of chemists and physicists
6. Support to the activities of the international DEKRA Certification Body for the revision of the meteorologist and technical weatherman scheme

As a Capacity Building and Education Committee member:

1. Scholarship Grant Support
2. Support for setting priorities for the financing of international workshops and events
3. Pronouncement on the entry of new members

3. Activities carried on by (Italian Delegate name) within the Union during 2017 and impact on the Italian scientific community

The activities previously listed provided an indisputable contribution to the cohesion of a sector that lived years of marked personality and had failed to create a common home. The clear definition of the processes leading to the creation of the professional figure has also given great impetus to the universities in the preparation of specific degree courses having now available a clear market reference and, also, clear elements of the market outlet. A virtuous circle has therefore been established which, in the presence of a real market, also gives birth to a formative need that is reflected on the university. Our Institution, together with the Civil Protection, represents in this case the place in which to be able to operate the training on the planned job of the ISO17024 and to become the ultimate vehicle of the professional preparation of the learners. The scientific system of the CNR in the field of Earth Sciences has a strong authority and is therefore able to represent itself as a fundamental interlocutor at the different national and international tables, not least ItaliaMeteo.

4. Evaluation of the participation in terms of benefits and membership cost

Although not from ascribed to the exclusive merit of the writer, as the result of collegiate decisions of an international nature, the presence within the Union allows to testify the work carried out by the national community and, then, to address some sector choices towards activities that see a national participation in the programs and thus benefit from part of the allocated funding. I believe that the benefit/cost ratio is extremely favorable considering the fundraising for workshops/events and the cost of Union.

5. Evaluation of Italians' attendance and how to improve interest and involvement

This chapter is strongly dominated by the attitude of our Institution in relation to the results it wants to obtain and which, in the opinion of the writer, can be as much as the more the Institution itself recognizes to the National Commission a real role of coordination. In fact, very often participation in committees is more experienced as a moment linked to their own unique scientific skills that not as a moment of institutional service for the scientific community: because of this, often important information are managed independently, without informing the Community represented by the Commission that it should have the role of disseminating and harmonizing such information but that, in the absence of these, can only take note of individual interventions to facts occurred. The suggestion is, therefore, to persuade individuals to consider their appointments as the result of a service analysis to be conducted for the scientific community and not as a personal 'dominion'.

6. Italian experts with important roles within the Union or within related Commissions and Programs (if known)

Already reported through the Commission's activity in the work of Prof. Panza and Dr. Lalle.

7. If Union with CNR Commission, short summary about the 2017 CNR Commission activities

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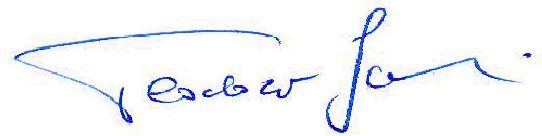
8. Notes (if any)

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9. Conclusions

In the field of interest of the National Delegate, it was said in the introduction of the potential offered by the participation in the Union in terms of presence on the international market and of strengthening the same national university system for potential training offers. Moreover, the network of relationships put in place allows to position the CNR in a central position with respect to these allowing to carry out a nodal function in the different national and international relations.

Signature



Teodoro Georgiadis

Place and date

Bologna 10th April 2018