

Report 2018 of the IAH Italian Chapter

The Committee of the Italian Chapter has been in office since 2017 and its members are: Daniela Ducci (Chair), Sergio Rusi (Secretary), Luca Alberti, Paolo Cerutti, Paolo Fabbri, Alessandro Gargini, Francesco La Vigna, Marco Masetti (as Coordinator of the Hydrogeology at Italian Geological Society), Marco Petitta (as Vice-President for Western and Central Europe), Vincenzo Piscopo, Maurizio Polemio, Andrea Sottani, Viviana Re and Daniela Valigi. Stefania Stevenazzi, representative of ECHN Italy, participates at the meetings of IAH Italy as auditor.

Among the Italian members some international assignments should be recalled: Marco Petitta is member of the IAH Council (Vice-President for Western and Central Europe); Viviana Re is Co-Chair of the IAH "*Burdon Groundwater Network for International Development*"; Giuseppe Sappa is Co-Chair of the IAH Network for "*Coastal Aquifer Dynamics and Coastal Zone Management (CAD-CZM)*"; Stefania Stevenazzi is part of the Steering Committee of the IAH Early Career Hydrogeologists' Network (ECHN).

During the year, the Chapter held three Committee meetings (January 18, May 22, September 13) and the National Assembly 2018 (October 4).

The Italian members of IAH numbered 185 in 2018.

Several activities were carried out regarding different topics, hereinafter summarized as follows.

a) Internal activities of the Italian Chapter:

- organization of the Annual Assembly 2018, October 4, during "*GEOFLUID 2018, International Exhibition & Conference*", Piacenza;
- maintenance and update of the Italian Chapter website (www.iahitaly.it);
- maintenance and update of a Facebook page "IAH Italy".

b) The Chapter has developed a series of activities with the aim of upgrading the role of the Italian delegation and its relationship with IAH International:

- attendance at the 45th IAH Congress in Daejeon (Korea), September 2018, 9-14: 16 Italian participants registered for the event with oral/poster presentations; during this Congress, organization of a Bilateral Session Korea-Italy on "*Monitoring and Management of Coastal Aquifers*";
- participation in other IAH-sponsored congresses:
 - Italian IAH members organized and participated in Session "*HS8.2.4 Groundwater flow understanding in water management: Environmental problems and potential interactions with subsurface water ecosystems*" and sessions IE4.3 / SSS13.73 / AS5.19 / BG1.20 / ESS11.8 / HS11.4/NH11.13 - Geostatistical and statistical tools to perform the data fusion of large datasets in geo-engineering and environmental studies (co-organized) at EGU Meeting, Wien, April 8-13;
 - Italian IAH members participated and contributed as components of the Scientific Committee at the International Conference on New Approaches to Groundwater Vulnerability, Ustroń (Poland), June 4-8;
 - Italian IAH member participated and contributed as components of the Scientific Committee in the International Conference *25rd Salt Water Intrusion Meeting (SWIM25)*, Gdansk (Poland), June,17-22.

c) The Italian Chapter has implemented some activities with the aim of promoting knowledge in the hydrogeological field:

- course on mathematical models at University "G. D'Annunzio" – Chieti, February 1-3;
- IAH Italy exhibition space at GEOFLUID 2018, Piacenza, October 3-6;
- organization of the workshop on "*Use of groundwater resources during droughts*", Florence, December, 10;
- support for the activities of the ECHN Italian group;
- publication of all the main events involving IAH Italy in *Acque Sotterranee - Italian Journal of Groundwater*;
- support, by payment of the supplementary fee for next year (2019), for the young members of IAH who move from "student" to "full" membership;
- letter to the ERC Presidents to implement the *PE10_17 Hydrology, water and soil pollution* with the keywords "*hydrogeology*" and "*groundwater*".

d) The Chapter has also been involved in the co-sponsorship of the following congresses / conferences / workshops:

- co-sponsoring of the workshop "*Elio Botti*" and award on water, Padua, February 21;
- participation in the workshop on Water Resources at Accademia dei Lincei, Rome, March 22;
- co-sponsoring of and participation at the national workshop Kindra - Making Groundwater Visible, Rome, March 26;
- co-sponsoring of and participation at the workshop on "*Water management*", Naples, April 12;
- co-sponsoring of the workshop in honour of the "*Italian founders of engineering geology and hydrogeology*", Florence, April 20;
- co-sponsoring of and participation at the conference organized by the Hydrogeology and Geosciences and Information Technologies sections of the Italian Geological Society, Sarzana (SP), June 11-13;
- co-sponsorship and organization of a dedicated hydrogeological session at the AIGA (Italian Association of Applied and Environmental Geology) Conference, Courmayeur, June 27-29;
- co-sponsorship and organization of a dedicated hydrogeological session at the 89th Congress of SGI (Italian Geological Society), Catania, September 12-14;
- co-sponsorship and organization of a session of GEOFLUID 2018, Piacenza, October 3-6.

e) Finally, the Italian Chapter has planned 2019 activities, including conferences and meetings; at the moment, this is the schedule for the next year:

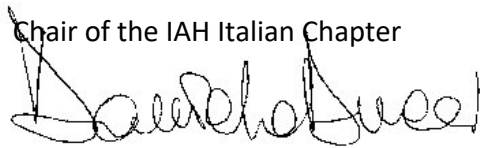
- workshop "*Elio Botti*" and award on water, Padua, February 20;
- sessions HS8.2.4 "*Groundwater Flow Understanding in Water Management and Environmental Problems*" and TS2.7 / HS11.71 / BG1.37 / ERE6.8 / GMPV3.6 "*Interacting geofluid systems research and innovation*", at EGU Meeting, Wien, April 8-13;
- ISMAR, 10 "*International Symposium on Managed Aquifer Recharge*", Madrid, May 20-24;
- FLOWPATH 2019 Conference, official meeting of the Italian hydrogeological community, Milan, June 12-14;
- fourth edition of the "*Gian Maria Zuppi*" Award for the best PhD Thesis on hydrogeology;
- Man and Karst Conference, co-sponsorship with IAH Karst Commission, Ragusa, June 24-26;

- co-sponsorship of and organization of a dedicated session (Approaches for Evaluation and Protection of Groundwater resources) at the Congress of SGI (Italian Geological Society) - SIMP - SOGEI, Parma, September 16-19;
- co-sponsorship and dedicated session at AIGA Young Researcher Congress, Matera, September 19-21;
- participation at the 46th IAH Congress, Malaga (Spain), September 22-27;
- co-sponsorship of the activities (workshops, courses, etc.) in framework of the LIFE REWAT project.

Naples, June 2019

Daniela Ducci

Chair of the IAH Italian Chapter

A handwritten signature in black ink, appearing to read 'Daniela Ducci', written over the printed name and title.