



Provincia di Lecco



# XXXVIII Congresso AIOL

## Lecco 24 – 28 giugno 2024

*Acqua; elemento vitale, risorsa essenziale  
Condividere le conoscenze per affrontare il cambiamento*



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# PROGRAMMA XXVIII CONGRESSO AIOL

## LUNEDÌ 24 GIUGNO

14:00	REGISTRAZIONE
15:00	<b>SALUTI ISTITUZIONALI - Presidente Provincia di Lecco e Sindaco Comune di Lecco</b> <b>RELAZIONE DI APERTURA A INVITO: FABIO BUZZI. <i>Il sito LTER del Lago di Como: alcune considerazioni tra monitoraggio e ricerca</i></b>
15:30	<b>RELAZIONE A INVITO: NICO SALMASO. <i>Current status and perspectives in the application of metagenomics to advance knowledge of the taxonomy and functionality of microbial communities</i></b>
	<b>SS1 – Harmful microalgae in aquatic ecosystems: new approaches and challenges for research and monitoring. CHAIRS: CECILIA TEODORA SATTA, ANTONELLA LUGLIÈ, NICO SALMASO. <i>Presentazioni orali</i></b>
16:15	Giorgia Ravera*, Monica Cangini, Samuela Capellacci, Sonia Dall'Ara, Giuseppe Prioli, Mauro Marini, Elena Manini, Antonella Penna, Silvia Casabianca. <i>Monitoring of harmful dinoflagellate <i>Dinophysis</i> spp. occurrence in mussel farms in the Northwestern Adriatic Sea through an innovative molecular qPCR assay</i> 🏆
16:30	Mara Simonazzi*, Tânia K. Shishido, Andrews Delbaje, Matti Wahlsten, David P. Fewer, Kaarina Sivonen, Laura Pezzolesi, Rossella Pistocchi. <i>Underrated cyanobacteria from drinking waters: expand the knowledge about a less-studied cyanobacterial genus by integrating biochemical, toxicological and genomic analyses</i> 🏆
16:45	COFFEE BREAK
17:30	Riccardo Bentivogli*, Laura Pezzolesi, Elisa Costanzini, Nicolò Caputo, Beatrice M.S. Giambastiani, Sonia Silvestri. <i>Laboratory application of a hyperspectral optical sensor for phytoplankton community analysis</i> 🏆
17:45	Sara Vettorazzo*, Adriano Boscaini, Leonardo Cerasino, Nico Salmaso. <i>From small water bodies to lakes: Exploring the diversity of freshwater bacteria and cyanobacteria in an Alpine Biosphere Reserve</i>
18:00	Elisabetta Canuti*, Martina Austoni. <i>Characterization of phytoplankton composition in Lake Maggiore: Integrating chemotaxonomy for enhanced cyanobacteria detection</i>

## MARTEDÌ 25 GIUGNO

8:30	COMUNICAZIONI
8:45	RELAZIONE A INVITO: STEFANO FENOGLIO. <i>L'uomo come specie fluviale</i>
	SS6 – Biodiversity and Habitat in fluvial ecosystems. CHAIRS: STEFANIA ERBA, SILVIA QUADRONI. <i>Presentazioni orali</i>
9:30	OPENING: Andrea Buffagni*, Marcello Cazzola, Simona Cislaghi, Simone Cardoni, Fabrizio Stefani, Stefania Erba, Carlo Belfiore. <i>Uno sguardo allo scrigno degli Efemerotteri italiani: idee per il futuro prossimo</i>
10:00	Alberto Doretto*, Niccolò Talluto, Giuseppe Crosa, Paolo Espa, Livia Servanzi, Silvia Quadroni. <i>A new biomonitoring index for evaluating the effects of sediment flushing operations in alpine streams</i>
10:15	Silvia Quadroni*, Stefania Erba, Marcello Cazzola, Simona Cislaghi, Andrea Buffagni. <i>Flow-related habitat variability of Mediterranean rivers and its effect on ecological status assessment: A 70-year perspective for benthic macroinvertebrates of a Sardinian river system (Southwestern Italy)</i>
10:30	Mattia Iaia*, Silvia Quadroni, Stefano Brignone, Vanessa De Santis, Tommaso Righi, Daniele Tamborini, Andrea Tersigni, Armando Piccinini, Cesare Puzzi, Roberta Bettinetti, Pietro Volta. <i>Assessment of the effectiveness and efficiency of two fish passages in the Toce River</i> 🏆
10:45	COFFEE BREAK E POSTER SESSIONS: SS1, SS6, Regular Session
11:15	Simona Cislaghi*, Simone Cardoni, Marcello Cazzola, Stefania Erba, Andrea Buffagni. <i>Digitization, barcoding and microscope slides: coupling old-fashioned and innovative habits for biodiversity studies</i> 🏆
11:30	Stefania Erba*, Marcello Cazzola, Giuseppe Pappagallo, Marco Barcella, Emanuele Barca, Simona Cislaghi, Andrea Buffagni. <i>The importance of integrating Habitats Directive and Water Framework Directive approaches in habitat assessment</i>
11:45	Magdalena Vanek*, Andreas Hilpold, Roberta Bottarin, Matteo Anderle, Elia Guariento, Thomas Marsoner, Chiara Paniccia, Julia Plunger, Johannes Rüdissler, Julia Seeber, Alberto Scotti, Francesca Vallefuoco, Ulrike Tappeiner. <i>Biodiversity Monitoring South Tyrol: A multi-taxon long-term monitoring scheme in an Alpine region</i> 🏆
12:00	Alessandro Bellino*, Abdullah A. Saber, Daniela Baldantoni. <i>Lotic ecosystems as important but tricky refugia for charophytes in warm climates – implications for biodiversity and conservation</i>
12:15	Antonella Carosi*, Francesca Lorenzoni, Lucio Di Matteo, Daniela Valigi, Corrado Cencetti, Carlo Cardellini, Stefano Casadei, David Cappelletti, Massimo Lorenzoni. <i>The role of the New Fish Community Ecological Status Index (NISECI) in the definition of the Ecological Flows for the upper Tiber River basin (Umbria, central Italy)</i>
12:30	LUNCH BREAK
14:00	Anna Marino*, Silvia Bertolotti, Manuela Macrì, Francesca Bona, Silvia Bonetta, Elisa Falasco, Marco Minella, Stefano Fenoglio. <i>Water quality and water quantity are two sides of the same coin? A case study of a northwest Alpine river under water stress and the impacts of wastewater treatment plant discharges on benthic communities</i> 🏆
14:15	Raffaella Balestrini*, Andrea Buffagni, Marcello Cazzola, Stefania Erba. <i>The role of habitat and local hydromorphology in the ecological quality of Mediterranean agricultural rivers: the case of the "Tavoliere delle Puglie"</i>

	<b>REGULAR SESSION. MODERATORE: Alessandro Bellino</b> <i>Presentazioni orali</i>
<b>14:30</b>	Rita Varchetta*, Elisa Banchi, Alessandro Vezzi, Donata Canu, Mauro Celussi. <i>Hydrolytic enzymes fingerprints in surface and deep-sea prokaryotic communities in the Ross Sea (Southern Ocean)</i> 🏆
<b>14:45</b>	Ginevra Boldrocchi*, Benedetta Villa, Carlotta Santolini, Damiano Monticelli, Cristina Corti, Gilberto Binda, Maristella Mastore, Giulio Magni, Jan Pachner, Giulia Liguori, Angelica Zanoletti, Roberta Bettinetti. <i>Assessing chemical contamination of Adriatic Sea (Eastern Mediterranean Sea) using zooplankton as bioindicator organisms</i>
<b>15:00</b>	Roberta Piscia*, Marina Manca, Rossana Caroni, Piero Guilizzoni, Roberta Bettinetti. <i>Zooplankton taxa repository of DDTtot and sumPCB14: Seasonal and decadal variations in Lake Maggiore</i>
<b>15:15</b>	<b>COFFEE BREAK E POSTER SESSIONS: SS1, SS6, Regular Session</b>
<b>16:00</b>	<b>TAVOLA ROTONDA “GESTIONE SOSTENIBILE DEGLI ECOSISTEMI LACUSTRI: UNA SFIDA TRA PRESSIONI LOCALI E GLOBALI” (EVENTO APERTO AL PUBBLICO)</b>
	<b>POSTER SESSIONS (SS1, SS6, Regular Session)</b>
<b>SS1</b>	Adriano Boscaini*, Sabrina Pozzi, Silvia Costaraoss, Leonardo Cerasino, Nico Salmaso. <i>Expansion of cyanobacteria outbreaks in the Alpine region: first report of an intense Microcystis bloom in Lake Serraià</i>
<b>SS1</b>	Oriana Soru*, Rosa Borghero, Antonella Lugliè, Paola Buscarinu. <i>Toxic cyanobacteria and algal blooms in Sardinian reservoirs</i>
<b>SS1</b>	Martina Austoni *, Adriano Boscaini, Fabio Buzzi, Leonardo Cerasino, Giorgio Franzini, Federica Giacomazzi, Manuela Marchesi, Chiara Zampieri, Nico Salmaso. <i>Recent spread of Raphidiopsis raciborskii in the lake district south of the Alps</i>
<b>SS6</b>	Silvia Quadroni*, Paolo Espa, Livia Servanzi, Giuseppe Crosa, Giuseppe Roberto Pisaturo, Giulia Stradiotti, Maurizio Righetti, Niccolò Talluto, Alberto Doretto. <i>FluEMMA – An interdisciplinary project to investigate ecological, hydro-morphological and management aspects of sediment flushing operations from Alpine reservoirs</i>
<b>SS6</b>	Cristina Cappelletti*, Nico Salmaso, Adriano Boscaini, Massimo Manfrini, Filippo Faccenda, Francesca Ciutti. <i>Identification of reliable metrics to assess the effects of trout farming on biological water quality in Alpine rivers (Trentino Province): integration of morphological and DNA metabarcoding approaches</i>
<b>SS6</b>	Monica Tolotti*, Afredo Maule, Stefano Brighenti, Giulio Voto, Maria Cristina Bruno. <i>Do dissolved heavy metals enter the food webs of alpine streams?</i>
<b>SS6</b>	Magdalena Vanek*, Jan Martini, Stefano Brighenti, Thea Schwingshackl, Francesca Vallefuoco, Alberto Scotti, Valeria Lencioni, Roberta Bottarin. <i>Rock glacier springs: cool habitats for species on the edge</i>
<b>RS</b>	Francesca Ciutti*, Saúl Blanco, Ulrike Obertegger, Marco Bertoli, Elisabetta Pizzul, Paolo Pastorino, Marino Prearo, Cristina Cappelletti. <i>Exploring benthic diatom diversity in a high-altitude lake</i>
<b>RS</b>	Flavia Dory*, Veronica Nava, Linda Nedbalová, Morena Spreafico, Valentina Soler, Barbara Leoni. <i>Spanning the gap between autotrophs and cryoconite holes: a morphological approach reveals the diversity of microalgae and Cyanobacteria in Northern Victoria Land, Antarctica</i>

## MERCOLEDÌ 26 GIUGNO

8:30	<b>COMUNICAZIONI</b>
8:45	<b>RELAZIONE A INVITO: ANA CRISTINA CARDOSO. <i>European Alien Species Information Network at the interface between science and policy</i></b>
	<b>SS4 – Science, Policy and Citizens efforts to tackle aquatic invasive and non-native species. CHAIRS: LYUDMILA KAMBURSKA, ANGELA BOGGERO. <i>Presentazioni orali</i></b>
9:30	Angela Boggero*, Tommaso Cancellario, Giulia Cesarini, Lyudmila Kamburska, Imanol Miqueleiz, Antonín Kouba, Eric R. Larson, Francisco J. Oficialdegui, Elena Tricarico, Sergio Bedmar, Riccardo Fornaroli. <i>Research perspectives from a worldwide bibliographic review on invasive crayfish</i>
9:45	Ylenia Carotenuto*, Iole di Capua, Marco Pansera, Elisa Camatti, Valentina Tirelli, Marco Uttieri. <i>Development and mortality of the non-indigenous copepod <i>Pseudodiaptomus marinus</i> over single and multiple generation experiments: a pilot study</i>
10:00	Rosa Zullo*, Rosaria Lauceri, Alberto Zullo, Luigi Sorrentino, Denise Schiavetta, Angela Boggero, Silvia Zaupa, Lyudmila Kamburska, Maria Oliviero. <i>New active biopolymers and chitosan-based films from invasive crayfish</i>
10:15	Marco Uttieri*, Ylenia Carotenuto, Alessandra de Olazabal, Iole Di Capua, Alenka Goruppi, Valentina Tirelli. <i>Pseudodiaptomus marinus: history of its recent spreading in the Mediterranean Sea and neighbouring areas</i>
10:30	<b>COFFEE BREAK E POSTER SESSIONS: SS4, SS8, SS2</b>
	<b>SS8 – From macro to nano: a world of plastic concerns. CHAIRS: VERONICA NAVA, SILVIA GALAFASSI, GIULIA CESARINI. <i>Presentazioni orali</i></b>
11:00	Gilberto Binda*, Luka Šupraha, Margarida Costa, Eva Leu, Luca Nizzetto. <i>Plastic as a carrier of algal species: proof of concept, environmental relevance and potential</i>
11:15	Veronica Nava*, Sudeep Chandra, Barbara Leoni. <i>Plastisphere effects on ecosystem traits: from biodiversity to metabolism 🏆</i>
11:30	Giulia Cesarini*, Massimiliano Scalici. <i>Comprehensive assessment of plastic impacts in river ecosystems: a multi-level approach 🏆</i>
11:45	Silvia Galafassi*, Raffaella Sabatino, Andrea Di Cesare, Roberta Piscia, Simona Musazzi, Gianluca Corno, Pietro Volta, Rosa Zullo. <i>Assessing degradation and biofilm formation on disposable food containers of various materials in a lake environment</i>
12:00	Beatrice Luzi*, Rosa Zullo, Pedro Marcelo Pozzo, Marco Carnevale Miino, Alberto Pietro Damiano Baltrocchi, Elena Cristina Rada, Vincenzo Torretta, Silvia Galafassi. <i>Quantification of microfiber release for recycling in circular economy: Experimental insight from the ProPla project 🏆</i>
12:30	<b>LUNCH BREAK</b>
	<b>SS2 – The capabilities, promise and challenges of remote sensing for water monitoring: using Earth observations for marine and freshwater applications research. CHAIR: MARIANO BRESCIANI. <i>Presentazioni orali</i></b>
14:00	<b>OPENING: Ilaria Cazzaniga. <i>Earth Observation applications for water quality monitoring in diverse environments, from inland waters to the oceans: opportunities, challenges and uncertainties</i></b>
14:30	Mariano Bresciani*, Alessandro Quirino Scotti, Monica Pinardi, Andrea Lami, Andrea Beghi, Nicola Ghirardi, Paolo Villa. <i>Monitoring primary producers in Lake Varese using multisensor satellite data</i>
14:45	Rossana Caroni*, Anna Joelle Greife, Mariano Bresciani, Claudia Giardino, Giulio Tellina, Monica Pinardi. <i>Examining global trends in shallow lakes using satellite derived data from the Climate Change Initiative Lakes_cci project</i>


15:00	Marina Amadori*, Mariano Bresciani, Giacomo De Carolis, Francesca De Santi, Gianfranco Fornaro, Claudia Giardino, Lorenzo Giovannini, Sebastiano Piccolroaz, Marco Toffolon, Giulia Valerio, Virginia Zamparelli. <i>Integration of satellite Synthetic Aperture Radar data with optical imagery and numerical models for investigating wind, waves and currents at the lakes surface</i>
15:15	Federica Braga*, Gian Marco Scarpa, Giorgia Manfè, Giuliano Lorenzetti, Luca Zaggia. <i>Spatio-temporal patterns of milky waters in the Lagoon of Venice</i>
15:30	Nicola Ghirardi*, Mariano Bresciani, Monica Pinaridi, Daniele Nizzoli, Pierluigi Viaroli. <i>Assessing the role of pit lakes in riverine landscape rehabilitation via multi-source satellite data</i>
15:45	<b>COFFEE BREAK E POSTER SESSIONS: SS4, SS8, SS2</b>

16:30	<b>CONSIGLIO DIRETTIVO AIOL E ASSEMBLEA SOCI</b>
17:30	<b>ESCURSIONE E CENA SOCIALE</b>
	<b>POSTER SESSIONS (SS4, SS8, SS2)</b>
SS4	Sebastiana Di Dio*, Salvatore Coco, Jasmine Ferrario, Agnese Marchini. <i>Selectivity of eco-sustainable and artificial substrates on the recruitment of fouling species in the natural environment</i> 🇮🇹
SS4	Lyudmila Kamburska*, Denise Schiavetta, Giulia Cesarini, Marco Orlandi, Silvia Zaupa, Angela Boggero. <i>Co-occurrence of North American crayfish in northwestern Italian lakes</i>
SS4	Paula Moretti*, Daniele Paganelli, Agnese Marchini. <i>Using invasive amphipod species (<i>Ptilohyale littoralis</i>) as a case study for evaluating risk assessment</i>
SS4	Daniele Paganelli*, Adriana Bellati, Andrea Gazzola, Francesco Bracco Daniele Pellitteri-Rosa. <i>Impacts, potential benefits and eradication feasibility of aquatic alien species in an integral natural state reserve</i>

SS8	Benedetta Villa*, Roberta Bettinetti. <i>Quantification of microplastics using two staining techniques: Nile Red and Rose Bengal</i>
SS8	Federica Rotta*, Barbara Leoni, Fabio Lepori, Agnese Marchini, Camilla Capelli. <i>Does lake stratification influence microplastics fate? A case study in Lake Lugano</i> 🇮🇹
SS8	Veronica Nava*, Mona Abbasi, Oloyede Adekoluerejo, Patrick Aurich, Nans Barthélémy, Berenike Bick, Bryan Burri, Marco J. Cabrerizo, Geoffrey Cairola, Teofana Chonova, Mathilde Cour, Vanessa De Santis, Flavia Dory, Annemieke M. Drost, Baptiste Fatras, Lena Fehlinger, Aida Figler, Dariusz Halabowski, Daniel Harvey, Ellinor Jakobsson, Benjamin Misteli, Laureen Mori-Bazzano, Valentin Moser, Julia Pasqualini, Federica Rotta, Bianca Schmid-Paech, Camille Touchet, Konstantinos Vaziourakis, Víctor Manzanares-Vázquez, Dar Jaffer Yousuf, Julia Gostyńska. <i>The PhytoPlastic project: large-scale collaboration exploring the plastisphere across European lakes</i>
SS8	Francesca Vallefucoco*, Dahms T.J. Heinrich, Magdalena Vanek, Roberta Bottarin. <i>A transversal study for the identification and reduction of microplastics in freshwater ecosystems in South Tyrol: The PlasticFree Project</i> 🇮🇹
SS8	Giulia Cesarini*, Michela Rogora, Silvia Galafassi. <i>First evidence of microplastics occurrence in LTER high-mountain lakes in the Western Alps</i>
SS8	Chiara Magnabosco*, Monica Passananti, Roberta Piscia, Silvia Galafassi. <i>BIOPLACE: Impact of degradation products of BIOdegradable PLAstics on biogeochemical Cycles and freshwater Environments</i> 🇮🇹
SS8	Carola Murano*, Tecla Bentivoglio, Serena Anselmi, Leonilde Roselli, Iole Di Capua, Monia Renzi, Antonio Terlizzi. <i>Exploring nanoplastic uptake: Insights from field and laboratory experiments in the Gulf of Naples</i>
SS2	Maria Cristina Bruno*, Jose Barquin, Laura Concostrina Zubiri, Luca Gallitelli, Micael Jonsson, Morgan Hughes, Monika Laux, Giorgio Pace, Massimiliano Scalici, Ralf Schulz, Stefano Larsen. <i>The BIODIVERSA + RIPARIANET project: Prioritising riparian ecotones to sustain and connect multiple biodiversity and functional components in river networks</i>

## GIOVEDÌ 27 GIUGNO

8:30	COMUNICAZIONI
8:45	<b>RELAZIONE A INVITO: SALVATRICE VIZZINI. <i>Ecosistemi costieri blue carbon</i></b>
	<b>SS3 – Time Series Insights: from Aquatic Research to Policy and Public engagement. CHAIRS: CAROLA MURANO, DIEGO COPETTI, MICHELA ROGORA. <i>Presentazioni orali</i></b>
9:30	Un ricordo di Letizia Garibaldi, a cura di Barbara Leoni e Michela Rogora
9:45	<b>OPENING: Caterina Bergami. <i>How to enhance the impact of research products through effective management and sharing practices</i></b>
10:15	Ulrike Obertegger*, Stefano Corradini, Leonardo Cerasino, Linda C. Weiss. <i>Mixing drives hypolimnetic dissolved oxygen, but what about CO<sub>2</sub>? Case study mountain Lake Tovel</i>
10:30	Stefano Tasselli*, Claudio Roscioli, Licia Guzzella. <i>DDT in Lake Maggiore: still a reason of concern?</i>
10:45	<b>COFFEE BREAK E POSTER SESSIONS: SS3, SS9, SS5</b>
11:15	Diego Copetti*, Lucia Valsecchi, Gianni Tartari, Michela Rogora, Claudia Dresti, Andrea Fenocchi, Nicolò Pella, Paolo Dezuanni, Elisa Carena, Chiara Agostinelli, Fabio Buzzi. <i>Long-term (1972-2023) limnological evolution of Lake Pusiano: research and management insights</i>
11:30	Vincenzo Manna*, Elisa Banchi, Viviana Fonti, Mauro Celussi. <i>Lighting up heterotrophy: seasonality and environmental preferences of photoheterotrophic prokaryotes in the northern Mediterranean Sea</i>
11:45	Lucia Valsecchi*, Licia Guzzella, Stefano Tasselli, Cristina Borlandelli, Erika Lorenzi, Clara Bravi, Palumbo Maria Teresa, Branchi Marco, Laura Marziali. <i>Sediment flushing procedures in Lombardy reservoirs: Chemical and Ecotoxicological evaluation</i>
12:00	Flavia Dory*, Veronica Nava, Morena Spreafico, Valentina Soler, Barbara Leoni. <i>Long-term changes in Lake Iseo, Italy: Unravel the complex pathways by which climate change and nutrient variation affect the phytoplankton community 🏆</i>
12:15	Michela Rogora*, Angela Boggero, Giulia Cesarini, Riccardo Fornaroli, Lyudmila Kamburska, Simona Musazzi, Aldo Marchetto, Silvia Zaupa. <i>Long-term data as an invaluable tool for the monitoring and assessment of high-altitude lakes ecological status</i>
12:30	<b>LUNCH BREAK</b>
14:00	<b>RELAZIONE A INVITO: AGNESE MARCHINI. <i>Comunicare le scienze acquatiche al pubblico con l'arte performativa</i></b>
	<b>SS9 – Science outreach and citizen science. CHAIRS: DOMENICO D'ALELIO, DANIELE PAGANELLI. <i>Presentazioni orali</i></b>
14:45	<b>OPENING: Domenico D'Alelio*, Daniele De Luca, Daniele Bellardini, Rosalia Calicchio, Anja Raggio, Pasquale De Luca, Marco Signore, Iole Di Capua, Emanuela Dattolo. <i>The ocean is not just water. Augmenting the common perception of marine biodiversity by integrating community-based monitoring and edutainment in coastal peripheries</i></b>
15:15	Daniele Paganelli*, Lucrezia Cilenti, Giorgio Mancinelli, Salvatrice Vizzini, Pere Abelló, Abdulghani H. Abdulghani, Michel Bariche, Sergio Bedmar, Jamila Ben Souissi, Gianni Brundu, Sabrina Etourneau, Silvia Falco, Branko Glamuzina, Elvis Kamberi, Mohamed H. Kara, George Katselis, Kosmas Kevrekidis, Evangelos Konstantinidis, Sami M. Ibrahim, Verónica López, Youness Mabrouki, Olivera Markovic, Sinan Mavruk, Abdurrazziq Miftah, Sahar Mehanna, Ragia Moussa, Costas Perdikaris, Angel Pérez-Ruzafa, Ana Pesic, Patricia Prado, Argyrios Sapounidis, Massimiliano Scalici, Fouzi Abdelkhaleq Taybi, Francesco Tiralongo, Aylin Ulman, Agnese Marchini. <i>The TROPHYC project: the use of scientific knowledge and local ecological knowledge to assess the impact of the Atlantic blue crab <i>Callinectes sapidus</i> (Rathbun 1896) in the Mediterranean Sea</i>

15:30	Raffaella Bullo*, Silvia Bianchelli. <i>PCSI – Plastic Crime Scene Investigation. The Citizen Science Approach to Microplastic Monitoring</i>
15:45	<b>COFFEE BREAK E POSTER SESSIONS: SS3, SS9, SS5</b>
16:15	Alessandro Lagrotteria*, Samuele Roccatello, Cristina Scalvini, Chiara Andrà, Alberto Doretto. <i>Citizen science for river biomonitoring: a new approach for implementing traditional monitoring</i> 
16:30	Bruna Gumiero*, Marco Cossu, Francesco Di Grazia, Alessandra Casali, Cristian Di Stefano. <i>Monitoring Riparian Vegetation in Citizen Science</i>
21:00	<b>“PHOTO VOICE: FOTOGRAFIA PER IL CAMBIAMENTO” CON SIMONE PADOVANI (EVENTO APERTO AL PUBBLICO)</b>
	<b>POSTER SESSIONS (SS3, SS9, SS5)</b>
SS3	Lucia Valsecchi*, Elisa Carena, Chiara Agostinelli, Fabio Buzzi, Martina Austoni, Diego Copetti. <i>Evolution of phytoplankton community over the last 50 years in the lake of Pusiano</i>
SS3	Domenico D’Alelio*, Carola Murano, Luca Russo. <i>Mapping topic evolution across the 40-years old Long-Term Ecological Research MareChiara in the Gulf of Naples (Italy)</i>
SS9	Chiara Vitillo, Bruna Gumiero, Francesco Di Grazia, Alessio Polvani, Cristina Capineri, Steven Loiselle, Fabrizio Monaci, Stefano Loppi. <i>Monitoraggio dei macroinvertebrati fatto dai cittadini (progetto CS4rivers)</i>
SS9	Elisabetta Canuti*. <i>Open-source CTD with Enhanced Accessibility and Novel Pulse-Amplitude Modulated Fluorescence Sensor for Oceanographic Research: OCEAN-PULSE project</i>
SS5	Claudia Dresti*, Michela Rogora, Fabio Buzzi, Andrea Beghi, Daniele Magni, Alessandro Canziani, Andrea Fenocchi. <i>An assessment of the present and future effectiveness of hypolimnetic withdrawal for the restoration of eutrophic Lake Varese (Northern Italy) through a modelling approach</i>
SS5	Marina Amadori*, Marco Toffolon, Mariano Bresciani, Claudia Giardino, Abolfazl Irani Rahaghi, Daniel Odermatt, James Runnalls, Mortimer Werther, Damien Bouffard. <i>ALPLAKES, an open-source online tool for real-time modelling of lakes in the Alps</i>
SS5	Isabella D’Ambra, Simona Saviano, Louise Merquiol, Maria Grazia Mazzocchi, Maria Assunta Ambrosio, Daniele Iudicone, Vincenzo Botte, Daniela Cianelli*. <i>Tracking movements of Pelagia noctiluca medusae by combining modeling and stable isotope approaches</i>



## VENERDÌ 28 GIUGNO

8:30	COMUNICAZIONI
8:45	RELAZIONE A INVITO: NIKOLAS GALLI. <i>Using the water scarcity lens to observe, understand and improve (un)sustainable water use</i>
	SS5 – Integrated approaches with hydrodynamics and hydrology: models and measurements. CHAIRS: ANDREA FENOCCHI, DIEGO COPETTI, CLAUDIA DRESTI, NICOLÒ PELLA, PAOLO DEZUANNI. <i>Presentazioni orali</i>
9:30	Paolo Dezuanni*, Diego Copetti, Claudia Dresti, Nicolò Pella, Michela Rogora, Fabio Buzzi, Edoardo Cavallini, Daniele Nizzoli, Andrea Fenocchi. <i>Multi-decadal evaluation of nutrient loads flowing into the Italian deep subalpine lakes through their main tributaries</i> 🏆
9:45	Nicolò Pella*, Andrea Fenocchi, Adrián López-Ballesteros, Claudia Dresti, Diego Copetti, Fabio Buzzi, Javier Senent-Aparicio. <i>Assessment of nutrient loads and in-lake concentrations for Lake Pusiano and its catchment during the 2021-2023 drought</i> 🏆
10:00	Andrea Fenocchi*, Nicolò Pella, Diego Copetti, Fabio Buzzi, Daniele Magni, Nico Salmaso, Claudia Dresti. <i>Using process-based coupled ecological-hydrodynamic models to support regional lake water quality protection planning in Northern Italy</i>
10:15	Simona Saviano, Florian Kokoszka, Vincenzo Botte, Fabio Conversano, Daniele Iudicone, Daniela Cianelli*. <i>Connectivity patterns in a Mediterranean coastal area: a multiannual analysis</i>
10:15	
10:30	COFFEE BREAK
11:00	PREMIAZIONI E CONSIDERAZIONI FINALI

🏆 Presentazione candidata al premio “AIOL – Giuseppe Morabito”

🏆 Poster candidato al premio “AIOL – Giuseppe Morabito”