

**Laurea Triennale in "SCIENZE AMBIENTALI E PROTEZIONE CIVILE"**

REFERENTE	TITOLO ARTICOLO
Prof. A. Annibaldi	<b>Emerging contaminants</b>
	1 <b>The present and future of microplastic pollution in the marine environment</b> Juliana A. Ivar do Sul, Monica F. Costa Environmental Pollution 185 (2014) 352-364
	2 <b>Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Jaén, South East Spain</b> José Robles-Molina, Bienvenida Gilbert-López, Juan F. García-Reyes, Antonio Molina-Díaz Science of the Total Environment 479–480
	3 <b>Impacts of Emerging Contaminants on Surrounding Aquatic Environment from a Youth Festival</b> Jheng-Jie Jiang, Chon-Lin Lee, Meng-Der Fang, Bo-Wen Tu, and Yu-Jen Liang Environmental Science & Technology 2015, 49, 792–799
	4 <b>Presence of Illicit Drugs in the Sarno River (Campania Region, Italy)</b> Massimo Maddaloni, Sara Castiglioni, Ettore Zuccato, Flaminia Gay, Anna Capaldo, Vincenza Laforgia, Salvatore Valiante, Maria De Falco, Marco Guida Pharmacology & Pharmacy, 2014, 5, 755-761
	5 <b>Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A</b> Syam S. Andra , Pantelis Charisiadis, Manish Arora, Jana V. van Vliet-Ostaptchouk, Konstantinos C.Makris Environment International 85 (2015) 352–379
	<b>Air pollution</b>
	6 <b>Analysis of the air pollution climate at a background site in the Po valle</b> By Bigi, Alessandro; Ghermandi, Grazia; Harrison, Roy M. Journal of Environmental Monitoring (2012), 14(2), 552-563.
	7 <b>A comparative study between the fluxes of trace elements in bulk atmospheric deposition at industrial, urban, traffic, and rural sites</b> By Fernandez-Olmo, I.; Puente, M.; Irabien, A. From Environmental Science and Pollution Research (2015), 22(17), 13427-13441.
	8 <b>Spatial Distribution of Bulk Atmospheric Deposition of Heavy Metals in Metropolitan Sydney, Australia</b> By Davis, Brett S.; Birch, Gavin F. From Water, Air, & Soil Pollution (2011), 214(1-4), 147-162.
<b>Metals contamination in different matrices</b>	
9 <b>Heavy metals concentrations in fish and shellfish from eastern Mediterranean Sea: Consumption advisories</b> Chiara Copat, Giovanni Arena, Maria Fiore, Caterina Ledda, Roberto Fallico, Salvatore Sciacca, Margherita Ferrante Food and Chemical Toxicology 53 (2013) 33–37	
10 <b>Trace metal variability, background levels and pollution status assessment in line with the water framework and Marine Strategy Framework EU Directives in the waters of a heavily impacted Mediterranean Gulf</b> Paraskevopoulou, V.; Zeri, C.; Kaberi, H.; Chalkiadaki, O.; Krasakopoulou, E.;	

Prof. F. Beolchini	1	<b>Nanofiltration as tertiary treatment for the reuse of dairy wastewater treated by membrane bioreactor</b> L.H. Andrade <sup>†</sup> , F.D.S. Mendes, J.C. Espindola, M.C.S. Amaral
	2	<b>Remediation of textile effluents by membrane based treatment techniques: A state of the art review</b> Jhilly Dasgupta a, Jaya Sikder a, **, Sudip Chakraborty b, *, Stefano Curcio b, Enrico Drioli c
	3	<b>Challenges and trends in membrane technology implementation for produced water treatment: A review</b> Salem Alzahrani a, *, AbdulWahab Mohammad b, c
	4	<b>Occurrence of emerging pollutants in urban wastewater and their removal through biological treatment followed by ozonation</b> Roberto Rosala, *, Antonio Rodr'iguez, Jose' Antonio Perdigo'n-Melo'na, Alice Petrea,
	5	<b>Occurrence, fate and effects of Di (2-ethylhexyl) phthalate in wastewater treatment plants: A review</b> M. Zolfaghari a, P. Drogui a, *, B. Seyhi a, S.K. Brar a, G. Buelna b, R. Dub e b
	6	<b>Occurrence of pharmaceutical compounds in urban wastewater: Removal, mass load and environmental risk after a secondary treatment — A review</b> P. Verlicchi a, b, <sup>Ⓜ</sup> , M. Al Aukidy a, E. Zambello a, b
	7	<b>Reclamation of used urban waters for irrigation purposes e A review of treatment technologies</b> Diana Norton-Brandão*, Sigrid M. Scherrenberg, Jules B. van Lier
	8	<b>In situ vadose zone bioremediation</b> Patrick Ho" hener <sup>1</sup> and Violaine Ponsin <sup>1,2</sup>
	9	<b>Evaluation of bioventing on a gasoline–ethanol contaminated undisturbed residual soil</b> Patricia Österreicher-Cunha a, b, *, Eur'ipedes do Amaral Vargas, Jr. b,
	10	<b>Investigations into the application of a combination of bioventing and biotrickling filter technologies for soil regime between bioventing and soil vapour extraction decontamination processes—A transition regime between bioventing and soil vapour extraction</b> S.M.C. Magalhães, R.M. Ferreira
Prof. F. Boccanera	1	<b>A numerical study of the effect of sea breeze circulation on photochemical pollution over a highly industrialized peninsula</b> ; Meteorol. Appl. 17: 19–31 (2010)
	2	<b>Tropical Cyclone–Like Vortices in the Extratropics: Observational Evidence and Synoptic Analysis</b> ; Weather and forecasting 16: 7-34 (2001)
	3	<b>Hail in Northeast Italy: Climatology and Bivariate Analysis with the Sounding-Derived Indices</b> ; JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY 51, 449-467 (2012)
	4	<b>Classification of Cyclone Tracks over the Apennines and the Adriatic Sea</b> ; MONTHLY WEATHER REVIEW 136, 2210-2227 (2008)
	5	<b>Analysis of the Urban Thermal Fingerprint of the City of Trento in the Alps</b> ; JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY 50, 1145-1162(2011)
	6	<b>A climatological study of surface freezing precipitation in Europe</b> ; Meteorol. Appl. 7, 229–238 (2000)
	7	<b>European-Scale Drought: Understanding Connections between Atmospheric Circulation and Meteorological Drought</b> Indices; JOURNAL OF CLIMATE 28,505-516 (2015)
	8	<b>Magnitude of extreme heat waves in present climate and their projection in a warming world</b> ; Journal of Geophysical Research: Atmospheres (2014)
	9	<b>Surface Geostrophic Circulation of the Mediterranean Sea Derived from Drifter and Satellite Altimeter Data</b> ; JOURNAL OF PHYSICAL OCEANOGRAPHY 42, 973-990 (2012)
	10	<b>Does the Mediterranean Sea Influence the European Summer Climate? The Anomalous Summer 2003 as a Test Bed</b> ; JOURNAL OF CLIMATE, 25,7028-7045 (2012)

Prof. B. Calcinaï	1	Mora C., Tittensor D.P., Adl S., Simpson A. G. B., Worm B. 2011. <b>How Many Species Are There on Earth and in the Ocean?</b> PLoS Biology. 9: 1-8
	2	Galil, B.S. , Goren, M. 2013. Metamorphoses: <b>Bioinvasions in the Mediterranean Sea</b> . In: Goffredo S., Dubinsky Z. (Eds.), The Mediterranean Sea: its history and present challenges. Springer Science, Business Media Dordrecht
	3	B.S. Galil. 2007. <b>Loss or gain? Invasive aliens and biodiversity in the Mediterranean Sea</b> . Marine Pollution Bulletin 55: 314–322
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	6	James J. Bell. 2008. <b>The functional roles of marine sponges</b> . Estuarine, Coastal and Shelf Science 79: 341–353
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	10	N. Shenkar, Y. Loya. 2008. <b>The solitary ascidian <i>Herdmania momus</i> : native (Red Sea) versus non-indigenous (Mediterranean) populations</b> . Biol Invasions 10:1431–1439
Prof. C Cerrano	1	Sandrine Baillon, Jean-François Hamel, Annie Mercier. 2014. <b>Protracted oogenesis and annual reproductive periodicity in the deep-sea pennatulacean <i>Halipteris finmarchica</i> (Anthozoa, Octocorallia)</b> . Marine Ecology 1–15.
	2	Nagayasu Nakanishi, Shunsuke Sogabe, Bernard M Degnan. 2014. <b>Evolutionary origin of gastrulation: insights from sponge development</b> . BMC Biology 12:26.
	3	Eric Bautista-Guerrero, José Luis Carballo, Manuel Maldonado. 2014. <b>Abundance and reproductive patterns of the excavating sponge <i>Cliona vermifera</i> : a threat to Pacific coral reefs?</b> Coral Reefs 33:259–266
	4	Claire Goodwin, Riccardo Rodolfo-Metalpa, Bernard Picton, Jason M. Hall-Spencer. 2013. <b>Effects of ocean acidification on sponge communities</b> . Marine Ecology 1–9.
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	7	<b>"Study of seasonal-scale atmospheric water cycle with ground-based GPS receivers, radiosondes and NWP models over Morocco"</b> , Achraf Koulali, Driss Ouazar, Olivier Bock, Abdelali Fadil – Atmospheric Research 104-105 (2012) 273-291;
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Prof. C. Gambi	1	<b>"Estimating the timing and location of shallow rainfall-induced landslides using a model for transient, unsaturated infiltration"</b> , Rex L. Baum, Jonathan W. Godt William Z. Savage - JOURNAL OF GEOPHYSICAL RESEARCH, Vol. 115, F03013, doi: 10.1029/2009JF001321, 2010.
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	3	Leung Dennis Y.C., Yuan Yang (2012) <b>Wind energy development and its environmental impact: A review.</b> Renewable and Sustainable Energy Reviews 16 (2012) 1031–1039
	4	Salameh et al (2015) <b>PM2.5 chemical composition in five European Mediterranean cities: A 1-year study.</b> Atmospheric Research 155 102–117
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	10	Fossi MC et al (2013) <b>The Pelagos Sanctuary for Mediterranean marine mammals: Marine Protected Area (MPA) or marine polluted area? The case study of the striped dolphin (Stenella coeruleoalba).</b> Marine Pollution Bulletin 70, 64–72
Prof. E. Giorgini	1	Analisi della struttura delle proteine tramite spettroscopia infrarossa
	2	Analisi e differenziazione di vari tipi di collagene
	3	Imaging FTIR di tessuti ossei ingegnerizzati
	4	Identificazione e quantificazione di biocomponenti vegetali tramite spettroscopia FTIR e RAMAN
	5	Analisi FTIR dei livelli di glicogeno in tessuti tumorali
	6	Ultrastruttura di ociti umani crioconservati
	7	IR mapping di patologie del cavo orale
	8	Caratterizzazione vibrazionale di gameti femminili

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Prof. A. Negri	1	Carlo Doglioni, Marco Ligi Davide Scrocca, Sabina Bigi, Giovanni Bortoluzzi, Eugenio Carminati Marco Cuffaro, Filippo D'Oriano, Vittoria Forleo, Filippo Muccini & Federica Riguzzi <b>The tectonic puzzle of the Messina area (Southern Italy): Insights from new seismic reflection data</b> SCIENTIFIC REPORTS   2 : 970   DOI: 10.1038/srep00970
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