

Laurea Triennale in "SCIENZE AMBIENTALI E PROTEZIONE CIVILE"		
REFERENTE		TITOLO ARTICOLO
Prof. L. Abeti	1	Rassegna di studi e ricerche sui disastri informatici e tecnologici degli ultimi 30 anni
	2	GPS Unplug: scenari di disservizi e disastri tecnologici in caso di assenza o disattivazione del sistema di posizionamento satellitare degli Stati Uniti d'America
	3	Analisi Costi-Benefici delle tecnologie di rilevazione incendi con camere IR nel 2018
	4	Sviluppo di sistemi di Social Media Crawling & Scraping durante le emergenze di protezione civile
	5	Dinamiche di sviluppo software collaborativo in emergenza (Open Source) e definizione della figura del Volontario Tecnologico-Informatico per la Protezione Civile
	6	Definizione di un portale Web per il coordinamento e la gestione condivisa-distribuita della logistica delle donazioni durante le emergenze (seguita da dottore di ricerca)
	7	Metodi di progettazione e reingegnerizzazione per nuove tecnologie nella protezione civile (solo specialistica)
	8	Definizione di un indice sintetico di rischio (Classe di Rischio) per gli edifici privati e progettazione/sviluppo di App o WebApplication per il calcolo da parte di personale non specializzato.
	9	Confronto e raccolta dati sulla disponibilità di applicazioni ed infrastrutture di comunicazione e tecnologiche durante le emergenze di Senigallia e Sisma2016
	10	LeanPlans: esplorazione di una nuova strategia comunicativa per la diffusione e conoscenza dei piani di protezione civile da parte della popolazione residente
	11	Scenari di applicazione del Crowdsensing e del GIS collaborativo nella mappatura degli inquinanti e nella misura dei parametri ambientali
Prof. A. Annibaldi		EMERGING CONTAMINANTS
	1	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Jaén, South East Spain José Robles-Molina, Bienvenida Gilbert-López, Juan F. García-Reyes, Antonio Molina-Díaz Science of the Total Environment 479–480
	2	Presence of Illicit Drugs in the Sarno River (Campania Region, Italy) mMassimo Maddaloni, Sara Castiglioni, Ettore Zuccato, Flaminia Gay, Anna Capaldo,mVincenza Laforgia, Salvatore Valiante, Maria De Falco, Marco Guida Pharmacology & Pharmacy, 2014, 5, 755-761
	3	Emerging contaminants related to the occurrence of forest fires in the Spanish Mediterranean By Campo, Julian; Lorenzo, Maria; Cammeraat, Erik L. H.; Pico, Yolanda; Andreu, Vicente From Science of the Total Environment (2017), 603-604, 330-339.
		AIR POLLUTION
	4	Analysis of the air pollution climate at a background site in the Po valle By Bigi, Alessandro; Ghermandi, Grazia; Harrison, Roy M. Journal of Environmental Monitoring (2012), 14(2), 552-563.
	5	A comparative study between the fluxes of trace elements in bulk atmospheric deposition at industrial, urban, traffic, and rural sites By Fernandez-Olmo, I.; Puente, M.; Irabien, A. From Environmental Science and Pollution Research (2015), 22(17), 13427-13441.
6	Spatial Distribution of Bulk Atmospheric Deposition of Heavy Metals in Metropolitan Sydney, Australia By Davis, Brett S.; Birch, Gavin F. From Water, Air, & Soil Pollution (2011), 214(1-4), 147-162.	
	CONTAMINATION IN DIFFERENT CATRICES	

7	Heavy metals concentrations in fish and shellfish from eastern Mediterranean Sea: Consumption advisories Chiara Copat, Giovanni Arena, Maria Fiore, Caterina Ledda, Roberto Fallico, Salvatore Sciacca, Margherita Ferrante Food and Chemical Toxicology 53 (2013) 33–37
8	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 Paraskevopoulou, V.; Zeri, C.; Kaberi, H.; Chalkiadaki, O.; Krasakopoulou, E.; Dassenakis, M.; Scoullou, M. Marine Pollution Bulletin (2014), 87(1-2), 323-337
9	Polycyclic aromatic hydrocarbon levels in three pelagic fish species from Atlantic Ocean: Inter-specific and inter-season comparisons and assessment of potential public health risks Maria Joao Ramalhosa and Paula Paiga Food and Chemical Toxicology 50 (2012) 162–167
10	Multi-class, multi-residue analysis of pesticides, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, polybrominated diphenyl ethers and novel flame retardants in fish using fast, low-pressure gas chromatography–tandem mass spectrometry Yelena Sapozhnikova, Steven J Lehotay Analytica Chimica Acta 758 (2013) 80– 92

Prof. F. Beolchini	1	Nanofiltration as tertiary treatment for the reuse of dairy wastewater treated by membrane bioreactor L.H. Andrade [†] , F.D.S. Mendes, J.C. Espindola, M.C.S. Amaral
	2	Remediation of textile effluents by membrane based treatment techniques: A state of the art review Jhilly Dasgupta a, Jaya Sikder a, **, Sudip Chakraborty b, *, Stefano Curcio b, Enrico Drioli c
	3	Challenges and trends in membrane technology implementation for produced water treatment: A review Salem Alzahrani a, *, AbdulWahabMohammad b, c
	4	Occurrence of emerging pollutants in urban wastewater and their removal through biological treatment followed by ozonation Roberto Rosala, *, Antonio Rodríguez, Jose´ Antonio Perdigo´n-Melo´na, Alice Petrea,
	5	Occurrence, fate and effects of Di (2-ethylhexyl) phthalate in wastewater treatment plants: A review M. Zolfaghari a, P. Drogui a, *, B. Seyhi a, S.K. Brar a, G. Buelna b, R. Dub e b
	6	Occurrence of pharmaceutical compounds in urban wastewater: Removal, mass load and environmental risk after a secondary treatment — A review P. Verlicchi a, b, [Ⓜ] , M. Al Aukidy a, E. Zambello a, b
	7	Reclamation of used urban waters for irrigation purposes e A review of treatment technologies Diana Norton-Brandão*, Sigrid M. Scherrenberg, Jules B. van Lier
	8	In situ vadose zone bioremediation Patrick Ho´´ hener ¹ and Violaine Ponsin ^{1,2}
	9	Evaluation of bioventing on a gasoline–ethanol contaminated undisturbed residual soil Patricia Österreicher-Cunha a, b, *, Eur´ıpedes do Amaral Vargas, Jr. b,
	10	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 S.M.C. Magalhães, R.M. Ferreira
Prof. F. Boccanera	1	A numerical study of the effect of sea breeze circulation on photochemical pollution over a highly industrialized peninsula ; Meteorol. Appl. 17: 19–31 (2010)
	2	Tropical Cyclone–Like Vortices in the Extratropics: Observational Evidence and Synoptic Analysis ; Weather and forecasting 16: 7-34 (2001)
	3	Hail in Northeast Italy: Climatology and Bivariate Analysis with the Sounding-Derived Indices ; JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY 51, 449-467 (2012)
	4	Classification of Cyclone Tracks over the Apennines and the Adriatic Sea ; MONTHLY WEATHER REVIEW 136, 2210-2227 (2008)
	5	Analysis of the Urban Thermal Fingerprint of the City of Trento in the Alps ; JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY 50, 1145-1162(2011)
	6	A climatological study of surface freezing precipitation in Europe ; Meteorol. Appl. 7, 229–238 (2000)
	7	European-Scale Drought: Understanding Connections between Atmospheric Circulation and Meteorological Drought Indices; JOURNAL OF CLIMATE 28,505-516 (2015)
	8	Magnitude of extreme heat waves in present climate and their projection in a warming world ; Journal of Geophysical Research: Atmospheres (2014)
	9	Surface Geostrophic Circulation of the Mediterranean Sea Derived from Drifter and Satellite Altimeter Data ; JOURNAL OF PHYSICAL OCEANOGRAPHY 42, 973-990 (2012)
	10	Does the Mediterranean Sea Influence the European Summer Climate? The Anomalous Summer 2003 as a Test Bed ; 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. How Many Species Are There on Earth and in the Ocean? PLoS Biology. 9: 1-8
	2	Galil, B.S. , Goren, M. 2013. Metamorphoses: Bioinvasions in the Mediterranean Sea . In: Goffredo S., Dubinsky Z. (Eds.), The Mediterranean Sea: its history and present challenges. Springer Science, Business Media Dordrecht
	3	B.S. Galil. 2007. Loss or gain? Invasive aliens and biodiversity in the Mediterranean Sea . Marine Pollution Bulletin 55: 314–322
	4	Jennifer L Molnar, Rebecca L Gamboa, Carmen Revenga, and Mark D Spalding. 2008. Assessing the global threat of invasive species to marine biodiversity . <i>Front Ecol Environ</i> 6(9): 485–492, doi:10.1890/070064
	5	Nikos Streftaris, Argyro Zenetos & Evangelos Papathanassiou. 2005. Globalisation In Marine Ecosystems: The Story Of Non-Indigenous Marine Species Across European Seas . <i>Oceanography and Marine Biology: An Annual Review</i> . R. N. Gibson, R. J. A. Atkinson, and J. D. M. Gordon, Editors. Taylor & Francis. 43: 419-453
	6	James J. Bell. 2008. The functional roles of marine sponges . Estuarine, Coastal and Shelf Science 79: 341–353
	7	Katharina E. Fabricius 2005. Effects of terrestrial runoff on the ecology of corals and coral reefs: review and synthesis . Marine Pollution Bulletin 50: 125–146
	8	Hutchings P. A. 1986. Biological destruction of coral reefs . A review. Coral Reefs 4:239-252
	9	S.M. Cragga, A.J. Pitmanb, S.M. Henderson. 1999. Developments in the understanding of the biology of marine wood boring crustaceans and in methods of controlling them . International Biodeterioration & Biodegradation 43: 197-205
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Prof. C Cerrano	1	Sandrine Baillon, Jean-François Hamel, Annie Mercier. 2014. Protracted oogenesis and annual reproductive periodicity in the deep-sea pennatulacean <i>Halipteris finmarchica</i> (Anthozoa, Octocorallia) . Marine Ecology 1–15.
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	3	Eric Bautista-Guerrero, José Luis Carballo, Manuel Maldonado. 2014. Abundance and reproductive patterns of the excavating sponge <i>Cliona vermifera</i> : a threat to Pacific coral reefs? Coral Reefs 33:259–266
	4	Claire Goodwin, Riccardo Rodolfo-Metalpa, Bernard Picton, Jason M. Hall-Spencer. 2013. Effects of ocean acidification on sponge communities . Marine Ecology 1–9.
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Prof. F. Comitini	1	Mehlomakulu NN, Setati ME, Divol B. Characterization of novel killer toxins secreted by wine-related non-Saccharomyces yeasts and their action on Brettanomyces spp. <i>Int J Food Microbiol.</i> 2014 Oct 1;188:83-91. doi: 10.1016/j.ijfoodmicro.2014.07.015.
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Prof. A. Dell'Anno	1	Bolan et al (2014) Remediation of heavy metal(loid)s contaminated soils – To mobilize or to immobilize? . Journal of Hazardous Materials 266: 141–166
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Prof. M. Ferretti	1	"The flash flood of the Bisagno Creek on 9th October 2014: An "unfortunate" combination of spatial and temporal scales" Silvestro et al., Journal of Hydrology, Article in press (http://www.sciencedirect.com/science/article/pii/S0022169415005636).
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	5	"Assessing the impact of urbanization on storm runoff in a peri-urban catchment using historical change in impervious cover" , James D. Miller, Hyeonjun Kim, Thomas R. Kjeldsen, John Packman, Stephen Grebby, Rachel Dearden - Journal of Hydrology, 2014;
	6	"GPS Zenith Total Delays and Precipitable Water in comparison with special meteorological observation in Verona (Italy) during MAP-SOP" , Mauro Bocolari, Slobodan Fazlagić, Paolo Frontero, Luca Lombroso, Sergio Pugnaghi, Renato Santangelo, Stefano Corradini, Sergio Teggi, DIMA –
	7	"Study of seasonal-scale atmospheric water cycle with ground-based GPS receivers, radiosondes and NWP models over Morocco" , Achraf Koulali, Driss Ouazar, Olivier Bock, Abdelali Fadil – Atmospheric Research 104-105 (2012) 273-291;
	8	"Using Climate Forecasts for Drought Management" , Anne C. Steinemann – JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY, Vol. 45 October 2006;
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	12	"Definition of critical threshold for different scenarios" , F. Guzzetti, S. Peruccacci, M. Rossi, IRPI CNR, Perugia, Italy – RISK AWARE. RISK- Advanced Weather forecast system to Advise on Risk Events and management, ACTION 1.16;
	13	"A warning system for rainfall-induced shallow failures" , Pietro Aleotti – Engineering Geology 73 (2004) 247-265;
	14	"Lithological and seasonal control on rainfall thresholds for the possible initiation of landslides in central Italy" , Silvia Peruccacci, Maria Teresa Brunetti, Silvia Luciani, Carmela Vennari, Fausto Guzzetti – Geomorphology 139-140 (2012) 79-90;
	15	"Evaluation of rainfall thresholds for triggering shallow landslides on the Genoa municipality area (Italy): the case study of the Bisagno Valley" , Andrea Cevasco, Alessandro Sacchini, Alessandro Robbiano, Enrico Vincenzi – Italian Journal of Engineering Geology and Environment, 1 (2010);

Prof. C. Gambi	1	“Estimating the timing and location of shallow rainfall-induced landslides using a model for transient, unsaturated infiltration” , 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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Prof. E. Giorgini	1	Kappler et al. Identification of microplastics by FTIR and Raman microscopy: a novel silicon filter substrate opens the important spectral range below 1300 cm⁻¹ for FTIR transmission measurements. Anal. Bioanal. Chem. 407 (2015) 6791-6801
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Prof. F. Marincioni	1	Alexander, D. E. (2013). Resilience and disaster risk reduction: an etymological journey . <i>Natural Hazards and Earth System Science</i> , 13 (11), 2707-2716.
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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 The tectonic puzzle of the Messina area (Southern Italy): Insights from new seismic reflection data SCIENTIFIC REPORTS 2 : 970 DOI: 10.1038/srep00970
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	5	Vincenzo Picotti 2013. La crisi sismica in Emilia del Maggio - Giugno 2012 e la tettonica attiva in Appennino settentrionale Il geologo dell'Emilia Romagna. pp. 7-11
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