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 Mediterranea 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.; Scoullos, 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 andtrendsinmembranetechnologyimplementationfor produced watertreatment**:Areview Salem Alzahrania,∗, AbdulWahabMohammadb,c
	4	**Occurrence of emerging pollutants in urban wastewater and their removal through biological treatment followed by ozonation Roberto Rosala,***, Antonio Rodrı´gueza, 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 bioremediatio**n Patrick Ho¨ hener1 and Violaine Ponsin1,2
	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)

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	4	Jennifer L Molnar, Rebecca L Gamboa, Carmen Revenga, and Mark D Spalding. 2008. **Assessing the global threat of invasive species to marine biodiversity.** *Front Ecol Environ* 6(9): 485–492, doi:10.1890/070064
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	2	Nagayasu Nakanishi, Shunsuke Sogabe, Bernard M Degnan. 2014. **Evolutionary origin of gastrulation: insights from sponge development.** BMC Biology 12:26.
	3	Eric Bautista-Guerrero, Jose´ Luis Carballo, Manuel Maldonado. 2014. **Abundance and reproductive patterns of the excavating sponge *Cliona vermifera* : 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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	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 Boccolari, Slobodan Fazlagić, Paolo Frontero, Luca Lombroso, Sergio Pugnaghi, Renato Santangelo, Stefano Corradini , Sergio Teggi, DIMA –
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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 oociti umani crioconservati
	7	IR mapping di patologie del cavo orale
	8	Caratterizzazione vibrazionale di gameti femminili

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