

Martedì 25/06/2019

09.00 - 9.30 Registrazione partecipanti

09.30-10.00 Apertura lavori

Livio Rossi - Presidente AIT
Gabriele Bitelli - DICAM, University of Bologna
Matteo Berti - Geologia e Territorio, University of Bologna
Paride Antolini - Presidente Ordine Geologi Emilia-Romagna

10.00-12.15 EOS Earth Observation System: Application and Services

chairman: Gabriele Bitelli - DICAM, University of Bologna

Nico Bonora, Andrea Taramelli
"The institutional users' needs analysis for the definition of the operational National monitoring services", ISPRA Roma

Rosa Loizzo, Rocchina Guarini, Maria Girolamo Daraio, Ettore Lopinto
"The hyperspectral PRISMA Mission and its first results", ASI, Matera

Filippo Sarvia, Enrico Borgogno-Mondino
"Copernicus S2 to support CAP control policies in agriculture", DISAFA, University of Torino

10.45-11.00 - Coffee Break

Fabio Volpe, Livio Rossi
"EO multitemporal data for semi-automatic agricultural monitoring: the new Common Agricultural Policy application", e-geos, Roma

Francesca Grassi, Francesco Mancini
"Sentinel-1 data for ground deformation monitoring: the SNAP-StaMPS workflow", DIEF, University of Modena and Reggio Emilia

Alessandro Lambertini, Gabriele Bitelli, Emanuele Mandanici, Luca Vittuari
"A geomatic application for water management in precision farming for a LIFE European project", Department of Civil, Chemical, Environmental and Materials Engineering, University of Bologna

Enrico Borgogno Mondino, Roberta Berretti, Evelyn Momo
"Supporting forest planning and management by Sentinel 2 data aimed at forest biomass estimation", DISAFA, University of Torino

12.15-13.00 - Discussione

13.00-15.00 - Pausa pranzo

15.00-15.30 - relazione ad invito

Paola Bonora "Il territorio come patrimonio di conoscenza", University of Bologna

15.30-16.30 EOS Earth Observation System: Application and Services

chairman: Livio Rossi, e-geos, Presidente AIT

Francesca Franci, Francesca Trevisiol and Gabriele Bitelli
"Sentinel 1 data for fuel spill detection. The case of the ships collision near Corsica", DICAM, University of Bologna

Tommaso Orusa¹, Enrico Borgogno Mondino², Serena Robetto³, Viani Annalisa⁴, Orusa Riccardo³
"Supporting wildlife diseases analysis through EO data in Aosta Valley (Italy)"

¹DISAFA, University of Torino
²Green Office Energy and Climate change groups
³Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta, (CeRMAS)

Angelo Amodio¹, Giuseppe Forenza¹, Daniela Drimaco¹, Vincenzo Massimi¹, Francesca Albanese¹, Christian Bignami², Matteo Albano², Maurizio Pollino³, Vincenzo Rosato³, Cristiano Cialone⁴
"Rheticus @ Network Alert supporting critical infrastructures: a case study for ACEA - utility operator within SCIRES project"

¹ Planetek Italia s.r.l., Bari, Italy
² INGV, Rome, Italy
³ ENEA Casaccia
⁴ ESA-ECSAT, United Kingdom

Elena Candigliota¹, Francesco Immordino¹, Claudio Puglisi², Augusto Screpanti², Giuseppe Forenza³, Vincenzo Massimi³

"Geo-morphological features and slow evolution landslides monitoring from processing of SAR interferometric data through the Rheticus® platform and in situ validation"

¹ ENEA DISPREV, Bologna
² ENEA DISPREV, Casaccia
³ Planetek Italia srl - Bari

16.30-17.30 - Discussione

Mercoledì 26/06/2019

09.30-10.30 Environmental Management Application

chairman: Gherardo Chirici , DAGRI, University of Firenze

Samuele De Petris, Roberta Berretti, Enrico Borgogno-Mondino
"A new index to assess tree vigour decline based on Sentinel-2 multi-temporal data", DISAFA-Dipartimento di scienze agrarie, forestali ed alimentari - University of Torino

Matteo Albano, Simone Atzori, Christian Bignami, Marco Moro, Marco Polcari, Stefano Salvi, Cristiano Tolomei and Salvatore Stramondo
"SAR Remote Sensing techniques applied to tectonic and volcanic processes investigation", INGV, Roma

Elena Francioni, Dino Quattrocioni
"AWARE, a platform for monitoring assets and infrastructure, through the integration of EO and in situ data: moving from data to information", e-geos, Roma

Sara Zollini¹, Maria Cuevas-González², Donatella Dominici¹, Oriol Monserrat², Maria Alicandro¹
"Sentinel-1 and Sentinel-2 applications in coastal areas"

¹ DICEAA, Department of Civil, Environmental Engineering and Architecture, L'Aquila, Italy
² Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Division of Geomatics, Castelldefels, Barcelona, Spain

Filippo Daffinà, Dino Quattrocioni, Marco Corsi, Gianfausto Bottini, Torbjorn Stahl
"Fusion of Sentinel-1 and Sentinel-2 derived ship detection for the extraction of the Maritime Patterns in the context of MSA (Maritime Situational Awareness)", e-geos, Roma

10.45-11.00 - Coffee Break

11.00-12.00 - Environmental Management Application

chairman: Enrico Borgogno Mondino , DISAFA, University of Torino

Marco Mencucci¹, Stefano Bigiarini¹, Francesca Giannetti², Saverio Francini², Gherardo Chirici²
"Monitoring forest loggings by remote sensing: first experiences and operative solutions"

¹ Arma dei Carabinieri - Reparto Parco Nazionale Foreste Casentinesi - Gruppo Carabinieri Forestale Arezzo
² Department of Agriculture, Food, Environment and Forestry, University of Firenze

Vera Costantini
"Ottawa Flooding 2019 April/May - Processing of Sentinel-1 imagery with PCI Geomatica for hydraulic risk management", Sysdeco Italy

Andrea Marchesi, Paola Filippi
"ENVI Deep Learning: un nuovo tool per la risoluzione di problemi geospaziali", Harris Geospatial Solutions Italy

Andrea Fiduccia¹, Luisa Cattozzo², Leonardo Marotta³, Leonardo Files², Luca Gugliermetti¹ and Carlo Terranova⁴
"Remote Sensing to map coastal dunes of northern Adriatic: the Po River Delta"

¹ DIAEE Sapienza, University of Roma
² IUAV, University of Venezia
³ Studio Associato Entropia, Recanati, Italy

Maurizio Pollino, Sergio Cappucci, Ludovica Giordano, Domenico Iantosca, Luigi De Cecco, Danilo Bersan, Vittorio Rosato, Flavio Borfecchia
"Assessing Earthquake - induced Urban Rubbles by means of multiplatform Remotely sensed data", ENEA Casaccia

12.15-13.00 - Discussione e Chiusura Lavori



12° WORKSHOP TEMATICO DI TELERILEVAMENTO

IL RUOLO DEI DATI COPERNICUS SENTINEL NEI PROCESSI DI CONOSCENZA E GESTIONE DEL TERRITORIO: STATO DELL'ARTE DEL TRASFERIMENTO TECNOLOGICO AL COMPARTO OPERATIVO

PROCESSAMENTO, CARTOGRAFIA, ESTRAZIONE INFORMAZIONI, COSTI/BENEFICI



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ORATORIO SAN FILIPPO NERI

VIA MANZONI 5 - BOLOGNA

25-26 giugno 2019

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