CURRICULUM VITAE

Informazioni personali	
Cognome Nome	Candela Laura
Qualifica	DIRIGENTE TECNOLOGO
Amministrazione	Agenzia Spaziale Italiana
Incarico attuale	Unità Downstream e Servizi Applicativi – Responsabile Ufficio Coordinamento degli Utenti
Numero Telefonico Ufficio	
E-mail istituzionale	laura.candela@asi.it
Titoli di studio e professionali ed esperienze lavorative	
Titolo di studio	Nov 1983-Apr 1989 **Electronic Engineering Master's Degree** (5 year course) - Degree mark with honours(110/110 summa cum laude) University of Bari
Altri titoli di studio e professionali	Feb 2000-Jun 2002 **Master Business Administration,** Bologna University – PROFINGEST Oct 1978 – Jul 1983 Liceo classico "E. Laterza", Putignano, BA OTHER COURSES • Managerial leadership (Entropy Knowledge Network) • Law Compliance in public tender - Il RUP e il nuovo sistema anticorruzione (Cons. Stefano Toschei, Consigliere TAR Lazio) •

European public tender regulation - Il nuovo codice degli appalti (D.LGS 50/2016)
- Training course on ECSS SW STANDARDS (ESA Standards Division)
- Project management (LUISS Business School)
- Management skills - Corso di formazione per dirigenti (D.LGS 81/2008 E S.M.E.I) – sicurezza sul lavoro
- Unified Modelling Language
- JAVA JDK 1.1 and CORBA in JAVA (Sun Microsystem)
- Processing of image and remote sensed data (Scuola Reis Romoli, prof. Cappellini)
- Real-time and complex system design - Progettazione ed analisi strutturata di sistemi real-time (Jourdon methodology) (CAP GEMINI)
- SAR Design, Processing and Applications (Prof. J. Curlander, JPL)
- VMS (Architecture VMS, Architecture OSF/MOTIF) (Digital)

Esperienze professionali
(incarichi ricoperti)

Dec 2020 - today ASI– Head of the User Coordination Office (Downstream and application Unit)

In charge of:

- Member or IRIDE Integrated Project Team (ESA-ASI) as Users' Requirement Manager
- Expert at Italian Civil Department
- Copernicus User Forum Expert (former Delegate).
- Copernicus Committee Expert
- CEOS Principal
- Industrial contract for the Thematic Exploitation Platforms for Coastal risk management and environmental monitoring (0,9 M€).
- Implementation agreement ASI-ISPRA for the Thematic Exploitation Platforms Habitat Mapping (1,45 M€).
- Implementation agreement ASI-ISPRA for the Thematic Exploitation Platforms Air Quality (1,40 M€).
- Industrial contract for design and develop the Italian Copernicus Market Place (CoMaP), an initiative of the Space Economy program (400M€), now in preparation
- Call for Ideas “Innovation for Downstream Preparation – Public Administration” (2,5 M€)
- Design and development of a pilot system for the national EO data uptake, based on cloud and HPC infrastructures (2,5 M€), now in preparation
- Implementation agreement ASI-DPC for the Pilot Multi-risk Platform (4,7 M€), now in preparation
- Temporary assignment (50%) at Civil Protection Department
- Scientific responsible of TEBAKA pilot project (System for acquiring basic knowledge of the territory), PON Puglia
- ITT responsible of the initiative I4DP-PA, Innovation for Downstream Preparation for Public Administrations, now in preparation
- Chair of Committee of Framework agreement between ASI and Polytecnique of Bari
- Chair of Committee of Framework agreement between ASI and University of Bari
- Chair of Committee of Framework agreement between ASI and Tuscany Region
- Chair of Committee of Framework agreement between ASI and Civil Protection Department
- Member of the ESA Blue Worlds Task Force

Achieved results:

- Strategy development, in particular to interface users communities and to develop joint initiatives with commercial, institutional, scientific partners
- Negotiation and approval of inter-institutional framework agreements, with the Italian Civil Protection Department, Po Basin Authority, Tuscany Region;

interfacing with the ASI's legal service regarding the preparation of legal instruments and agreements
- Negotiation and approval of inter-institutional agreement for the Mirror Copernicus Development with MISE
- Collaboration with Civil Protection Department for Space activities in the framework of Next Generation EU (national PNRR)
- Active participation to Copernicus Delegation activities
- System architectural design and ITT preparation (on going) of Mirror Copernicus Market Place system development
- Preparation of call for ideas to develop innovative institutional Thematic Exploitation platforms and services
- Communication activities related to Copernicus, space component and downstream services
- Support to EO market initiatives
- Interfacing scientific community

Mar 2013-Nov 2020. ASI– Head of Earth Observation Unit

- Head of the Earth Observation Unit, report to Scientific and Technical Director
- Earth Observation Unit includes ESA EO activities, Copernicus, H2020, the PRISMA Mission Management, the PRISMA and SAOCOM-CS Payload Data Ground Segment Projects Management, the Collaborative Ground Segment Infrastructure and Thematic Exploitation Platform Engineering together with the related Research and Technology activities, EO national and international agreements, data exploitation initiatives, the participation in Extended and Distributed Collaborative GS i.e. the user component of the Italian Copernicus system, the study design and develop of new EO missions and/or payloads "end-to-end" also in international collaborations.
- Budget: 8M€ (2016), 13,5M€ (2017), 26,8M€ (2018)
- People in Earth Observation Unit: 8 (2016)

In charge of:

- PB-EO Delegate (since Jun 2013).
- Point of Contact for ASI in definition of SAOCOM-CS ASI-ESA cooperation.
- ASI person in charge of attending Ground Segment Coordination Body/GSCB, GMES Space Component Operations Concept Consultation Group/GOCG.
- CEOS Delegate
- Copernicus User Forum Alternate Delegate.
- Copernicus National User Forum ASI Delegate.
- Italian responsible of Task Force on Copernicus Ground Segment and Big Data Governance that is defining the Copernicus Integrated Ground Segment.
- Coordinator of Italian H2020 working group for Earth Observation.
- STG (Scientific and Technical Group) Advisor (EUMETSAT)
- Coordinator and member of several evaluation panels.
- Coordinator and member of several internal and multi-institutional working groups.
- Coordinator of a working group for defining a national ground motion monitoring service using interferometric techniques and a working group to identify institutional services using hyperspectral data.

Achieved results:

- Establishment of Mission technical and scientific Advisory Committee for COSMO-SkyMed 1st and 2nd generation (Nov 2014), composed by scientist and institutional users.
- Establishment of Scientific Advisory Committee to support ESA delegates (Jun 2015).
- Negotiation and approval of two inter-institutional framework agreements, with the Italian Civil Protection Department and with ISPRA, the Superior Institute For Environmental Research
- Negotiation and approval of a framework agreement between ASI and CIMA Foundation for the development of joint national or international initiatives in the field of risk management.
- Negotiation (together with international relation unit) of international cooperation

agreement ("Letter of Agreement to establish cooperation in EO research activities related to environmental monitoring and hazard/disaster management") and related implementation plans with NASA.
- Negotiation (together with international relation unit) of international cooperation agreement "Memorandum of understanding between the Agenzia Spaziale Italiana and the China National Space Administration concerning cooperation on the China Seismo-electromagnetic satellite" and related implementation plans with CNSA.
- Negotiation (together with international relation unit) of international cooperation agreement with JAXA: Implementing Arrangement Between The Agenzia Spaziale Italiana And Japan Aerospace Exploration Agency Concerning Mutual Cooperation for Satellite Support to Disaster Risk Management, signed 25 Nov 2016. Negotiation of Implementation Plan is on-going.
- Negotiation (together with international relation unit) of international cooperation agreements with USGS and NOAA.
- Establishment of Italian Sentinel Collaborative Ground Segment, in the framework of Collaborative Ground Segment Agreement between ASI and ESA (signed in October 2015). Italian focal point of the Collaborative.
- System architectural design and development (ongoing) of the Italian Collaborative Ground Segment for the Sentinel data uptake.
- Design and development of a Big Data EO Data Management Italian platform to improve data uptake and institutional downstream and enable commercial services development.
- Feasibility study to implement a pilot system using HPC infrastructure of INFN.
- Definition of Italian Space Economy for Mirror Copernicus strategy and preparation of the implementation plan for the Extended and Distributed Italian Collaborative GS by means of ITTs.
- Preparation phase for development of the Control Room for the Extended Collaborative GS, hosted at ASI headquarter.
- Start of design and development phase for three Thematic Exploitation Platforms of the national Sentinel Collaborative Ground Segment (Habitat Mapping, Air Quality and Coastal risk management and environmental monitoring).
- Preparation phase for further Thematic Exploitation Platforms of the national Sentinel Collaborative Ground Segment (Risk management and emergency response, geophysical, …).
- Working group to discuss a national concept for the development of new GS critical technologies (i.e. WASDI, DAME, OSIRIS projects), in the framework of the ESA GSTP program.
- Preparation phase for the design and development of Mission Exploitation Platform for PRISMA.
- Preparation phase for the design and development of CAL/VAL scientific activities for PRISMA.
- Participation in preparation and management phase of COSMO-SkyMed Open Call.
- Preparation phase for the design and development of Mission Exploitation Platform for SIASGE (SAOCOM+COSMO-SkyMed)
- Preparation phase for an Announcement of Opportunity ASI-JAXA for the data exploitation of COSMO-SkyMed and ALOS-2
- Design and development of High Energetic Particle Detector (HEPD) payload (LIMADOU project) for CSES, China Seismo-electromagnetic Satellite, phases A/B/C/D/E1.
- Start of the data exploitation of CSES mission
- Initiatives to prepare future EO missions and payload (Jul 2015). Phase 0/A studies are on-going. This initiative will be periodic and should be followed by phase B1 activities.
- Start of data analysis for an EO experiment on a Super Pressure Balloon.
- CEOS activities: ASI is co-chair of DRM working group and actively support activities of Geo-Hazard Supersite, Disaster Management and Global Forest Observatory Initiatives.
- Organization of several ASI workshops dedicated to Big Data and GS evolution (20 Nov 2013), the EO ESA programs (13 May 2015), achievements of PRISMA scientific projects (28-29 Apr 2015), scientific data exploitation of CSES (23 Mar 2016), the ESA Climate Change Initiative (CCI+) (19 Jul 2016).

Responsibilities

- Implementation agreement ASI-ISPRA for the Thematic Exploitation Platforms Habitat Mapping (1,45 M€).
- Implementation agreement ASI-ISPRA for the Thematic Exploitation Platforms Air Quality (1,40 M€).
- Industrial contract for the Thematic Exploitation Platforms for Coastal risk management and environmental monitoring.
- Industrial contract for PRISMA hyperspectral mission development – phases B2/C/D/E1

(2013-2015). Since 2016, responsible of PRISMA products and GS subsystem development.
- Industrial contract for "Joint Definition Phase of a Spaceborne Hyperspectral Applicative Land and Ocean Mission - SHALOM" (400K€).
- 5 scientific studies for PRISMA hyperspectral data exploitation (400 K€/proj): CLAM-PHYM - Coasts and Lake Assessment and Monitoring by PRISMA HYperspectral Mission, PRIMES - Uso sinergico dei prodotti PRISMA con simulazioni Meteo-chimiche ad Elevata risoluzione Spaziale e loro validazione a terra, AGI - Analisi Sistemi Iperspettrali per le Applicazioni Geofisiche Integrate, OPTIMA - Metodologie avanzate per l'analisi, l'integrazione, e l'ottimizzazione dei prodotti di livello 1 e 2 della missione PRISMA, SAP4PRISMA – Sviluppo di algoritmi e prodotti per applicazioni in agricoltura ed il monitoraggio del territorio a supporto della missione PRISMA.
- 5 industrial contract for development of pre-operational systems based on the joint use of Sentinel and COSMO-SkyMed products (1 M€/proj): COSMOPLUS - Continuous Observation from Space by Means Of different PLatforms Used in Synergy, SPACE4UXO - SPACE assets FOR UneXploded Ordnance, FAST4MAP - Fast & Advanced SAR Techniques for Monitoring & Alerting Processes, MIDA (Mappe IDrologiche Assimilate), HUMUS - HUMidity Unraveling System. In the framework of a national program to support SMEs.
- Announcement of Opportunity ASI-Canadian Space Agency for the data exploitation of COSMO-SkyMed and Radarsat-2: Since 2013, 48 projects on-going, presented in a dedicated session at IGARSS 2015.
- 4 research projects for the X+L SAR data exploitation using ALOS (1 and 2) and COSMO-SkyMed data in the framework of a previous ASI-JAXA agreement (150 k€/proj): SAR4Volcanoes, an application to volcanic risk (CNR-IREA), MUSA, an application to seismic risk (INGV), ECHO-FM, an application to hydrogeological risk (CIMA Foundation) and an application to oil spill detection in coastal areas (Università del Piemonte Orientale "Amedeo Avogadro").
- Implementation agreement ASI-INFN for High Energetic Particle Detector (HEPD) payload (LIMADOU project) for CSES, China Seismo-electromagnetic Satellite, phases A/B/C/D/E1.
- Implementation agreement ASI-INFN-INGV-CNR-Universities for scientific studies for CSES data exploitation.
- 5 missions phase 0/A studies: SCIEF, SINERGY, MOCASS, CHRISTMAS, CRYORAD, STRATUS.
- Implementation agreement ASI-INFN for scientific data analysis for the experiment "EUSO-SPB, Extreme Universe Space Observatory on a Super Pressure Balloon".
- Implementation agreement ASI-CIMA Foundation supporting CEOS Disaster Risk Management project.

Apr 2001- Mar 2013 ASI– Earth Observation Unit

Selected experiences

- Since 2001, design and development of the ASI multi-mission Ground Segment. Project manager for technological developments for a multi-mission GS specialized for RADARSAT-1 mission.
- Since 2001 – definition of strategies and implementation plans for the development of data exploitation and pre-operational institutional service development of ASI.
- Leader, from strategy to execution, in developing risk management and emergency response preparatory phase and pilot projects for hydrogeological risk (floods, landslides and nowcasting),
- Leader, from strategy to start of the implementation phase, for fires, oil spill detection and coastal risk management.
- Responsible of proposal evaluation and final project evaluation for seismic and volcanic risk.
- Project manager of 4 feasibility studies for landslides and floods applications.
- Project manager of 3 design and implementation pilot projects: MORFEO (landslides), OPERA (hydrology and floods) and PROSA (now-casting and soil moisture and snow monitoring).
- Responsible in the ASI-JAXA joint research team of change detection activities.
- In the framework of a national program to support SMEs, project manager of 3 projects and responsible for application development for further 2 (technological developments of active transponders to be used in interferometric applications).
- System engineer in a project to develop a grid computing platform to be tested for EO data processing.
- Team member for COSMO-SkyMed phase 0/A project, responsible to define products

and applications.
- Team member for COSMO-SkyMed data policy definition.
- Team member for SIASGE ASI-CONAE cooperation negotiation, with the responsibility to prepare the SIASGE Applications needs – Applications and SIASGE Products Identification and the SIASGE Applications – Design and development Plan. Development of joint feasibility studies (landslides, fires, floods, oil spill, panoramic epidemiology).
- Team member for data policy and resource sharing of SIASGE.
- Team member for ORFEO ASI-CNES cooperation negotiation and definition of data policy.
- Coordinator and member of several evaluation panels, to evaluate proposals and final results.
- Team member of evaluation panels for the calls "Small missions", "Joint Definition Phase SHALOM", "EO applications development" for SMEs.
- Coordinator and team member of several internal and multi-institutional working groups.
- ASI project manager for 3 FPVII projects: Linker, DORIS, BIOSOS.
- Member of the Steering or in the Advisory Committees of Linker, DORIS, LAMPRE and RASOR.
- Team member for negotiation of two inter-institutional framework agreements, with the Italian Civil Protection Department and with APAT. Thanks to these activities, ASI has been identified by law as Centre of Competence for Earth Observation in the national Civil Protection System.
- Responsible of negotiation and approval of implementing arrangement between ASI and Civil Protection Department to specify the pilot projects implementing rules for the DPC participation.
- ASI Focal Point for the Civil Protection activities during emergencies. In charge to support the COSMO-SkyMed use and to program on-demand acquisitions. Since 2008, all Italian emergencies have been supported.
- Responsible for ASI of guidelines definition ad acquisition plan development for systematic COSMO-SkyMed interferometric mapping of Italy (MapItaly).
- Team member and EO missions expert in the National Focal Point instituted during L'Aquila earthquake emergency at DPC. Responsible to define COSMO-SkyMed acquisition plan in emergency response and after shock.
- ASI support for different user communities (environment, agriculture, cultural heritage, geology, hydrology, …) in formalizing user needs and develop acquisition plans.
- Team member for defining COSMO-SkyMed background mission.
- Participant in several meeting and workshop bilateral (ESA-ASI) and multilateral to coordinate national and European GMES service developments (since 2001).
- Team member of GMES implementation group for "Emergency Response Fast Track strategic implementation plan" (Apr 2007), and user requirements definition for core service Emergency.
- Team member of working group DDSC-DLR-CNES-ASI-JRC "Space Infrastructure for the GMES emergency response service", and production of the report "Space Infrastructure for the GMES emergency response service".

Dec 1991 – Mar 2001 **Telespazio S.p.A** – Project manager and senjor SW developer

- System engineer in the development of the national GS of ERS Mission, the I-PAF (Telespazio headquarter, Rome).
- System engineer, Sw developer and data analyst in the framework of ASI contracts at Centre of Spatial Geodesy in Matera. In research and development area, had the responsibility to study, develop and test
    - algorithms and procedures for quality control of ERS and SAR-X/SIR-C products;
    - SW tools for data visualization, processing and information extraction in C, C++, JAVA, PERL and IDL;
    - web contents and HTML pages – distributed also by CD-Roms together with products – to browse user manuals, change the data format, display and navigate images, offer tutorials;
    - algorithms and procedures for SAR data for land and marine applications.
- Participated the joint team coordinated by ASI at Houston (Texas), to support SAR-X/SIR-C missions (ASI-NASA-DARA);
- Studied public and scientific user requirements, to identify priority in EO value added services.
- Project manager for:
    - Design and development of a web-based platform to manage products and services offered by CGS.
    - Design and development of CD-ROM for outrage and self-instruction, equipped with JAVA tools.

	○ Feasibility study of architectures that enables sharing of distributed archives. (Customer: ASI). • Project-manager for developing of a system for sea monitoring and oil spill detection, to be operated in real time, based on SAR data. Customer ESA. • Responsible of test and delivery of SAR Toolbox v.2 (SAR ERS and ENVISAT). Jul 1989 – Dec 1991 **Italtel S.p.A** – Designer of digital equipment for telecommunication • Participating in a joint working group ITALTEL – MOTOROLA, design and develop a digital telecommunication equipment having TELECOM Italia as customer. The gate-array was a multi/demultiplexer 2-34 Mbit GSM, for the digital evolution of the network. She participated the whole lifecycle of the product.
Capacità linguistiche	• Italian (native) • English (fluent) • French (good)
Capacità nell'uso delle tecnologie	COMPUTER SKILLS • MSDOS, Win95.98-NT-XT-VISTA-8-8.1-10, VMS, Mac OS, LINUX • Microsoft Office (Word, Powerpoint, Excel, Outlook, Project); OpenOffice; Pages, Numbers, Keynote, Mail, Adobe Acrobat) • Explorer, Safari, Chrome • Frontpage (HTML editor) • ERDAS, ENVI, MATLAB, Photoshop • IDL, JAVA, C, C++, Fortran, PERL, HTML • GRASS GIS
Altro *(partecipazione a convegni e seminari, pubblicazioni, collaborazioni a riviste, ecc., ed ogni altra informazione che si ritiene di dover pubblicare)*	PUBLICATIONS, ACADEMIC ACHIEVEMENTS AND OTHER EXPERIENCES 2001-2022 • Author (or co-author) of 82 scientific publications published by international journals and papers in conference proceedings (See list in attached) • Invited as keynote speaker in various international conferences • Tutor or co-tutor of 8 stages (PhD and post doc) related to data exploitation and EO applications • Lecturer for several masters and PhD short courses and seminars • REA Expert –evaluation of Horizon 2020 calls (Security, Earth Observation) • Member of Scientific Advisory Board of the Institute for Applied Remote Sensing

(EURAC), Trento (2016-2021=

List of publications

#1.

Giancaspro, A.; Candela, L.; Lopinto, E.; Lore, V.A.; Milillo, G. "COSMO- SkyMed SAR processing parallel implementation", Proceedings IGARSS 2002. Geoscience and Remote Sensing Symposium, 2002. IEEE International, Page(s): 3165- 3166 vol.6

#2.

Giancaspro, A.; Candela, L.; Lopinto, E.; Lore, V.A.; Milillo, G. "SAR images co- registration parallel implementation", Proceedings IGARSS 2002 Geoscience and Remote Sensing Symposium, 2002. 2002 IEEE International , Volume: 3 , 24- 28 June 2002, Pages:1337 - 1339 vol.3

#3.

Verdone, G.R.; Viggiano, R.; Lopinto, E.; Millillo, G.; Candela, L.; Lombardi, N.; Giannini, V., "Processing algorithms for COSMO- SkyMed SAR sensor", Proceedings IGARSS 2002 Geoscience and Remote Sensing Symposium, 2002. 2002 IEEE International , Volume: 5 , 24-28 June 2002 , Pages:2771 - 2774 vol.5

#4.

Poster IGARSS 2000: R.Loizzo, C.Marzo, L.Antoniucci, L.Candela, M.Costantini, P.Inversi, E.Lopinto, G.Riccobono, N.Santantonio, A.Spinelli, G,.R.Verdone, R.Viggiano, "I- PAF SRTM X-SAR processing chain: Algorithms and results"

#5.

P. Ammendola, L. Candela, G. Milillo, G. Rum "I DEM per la cartografia provenienti da un sistema SAR in configurazione interferometrica: la missione italo- tedesca SRTM" pubblicato sugli Atti della Terza Conferenza MondoGIS 2001, pag.27

#6.

L. Candela, G. Milillo, G. Rum "SERVIZI ED APPLICAZIONI IN COSMO- SKYMED Una costellazione di satelliti per il monitoraggio del territorio e la gestione dell'emergenza", convegno ENEA Luglio 2002, pubblicato sugli atti

#7.

Relazione per la 7a Conferenza Nazionale delle Agenzie Ambientali – Reti di monitoraggio e Telerilevamento: G. Rum, L. Candela: "I PRODOTTI APPLICATIVI ASI E LA GESTIONE DELLE EMERGENZE". Pubblicato sugli atti.

#8.

L. Candela, G. Ruggieri, A. Giancaspro: "SSPI- space service provider infrastructure image information mining and management prototype for a distributed environment", per ESA- EUSC 2004 (Madrid). Pubblicato sui proceedings ESA SP553.

#9.

G. Rum, L. Candela "Italian research and development activities towards full use of COSMO- SkyMed and the future european systems", per ESA- EUSC 2004 (17- 18 Marzo Madrid). Pubblicato sui proceedings ESA SP553 .

#10.

G. Rum, L. Candela, S. Zoffoli: "COSMO- SKYMED mission: scientific relevance and application potential", per ENVISAT- ERS Symposium 2004, Salisburgo, 6- 10 Settembre 2004. Pubblicato sui proceeding ESA SP572.

#11.

G. Rum, L. Candela, B. De Bernardinis, P. Soddu "The operational use of the Earth Observation satellites data within the Italian Civil Protection System : status and perspectives", articolo pubblicato sugli atti della 31° Conferenza ISRSE

#12.

S.Zoffoli, C. Ananasso, L.Candela e R. Guzzi "Italian Space Agency pilot projects for disaster management in support to the nationa civil protection", Stoccolma

#13.

Nutricato, Rana, Nitti, D'Aprile Bovenga, Guerriero, Ober, Candela "MORFEO project: C and X band SAR interferometryc analysis over Alpine Region", Fringe 2009

#14.

F.Guzzetti, L.Candela, R.Carlà, G.Fornaro, R.Lanari, A.Mondini, G.Ober: "Exploiting Earth Observation Tecnology to map, monitor, and forecast landslides: The ASI MORFEO Project", EGU 2009, Wien 19 – 24 Aprile 2009

#15.

Nitti, Rana, Bovenga, Nutricato, Tragni, Chiaradia, Ober, Candela "On the use of C- and x- band SAR data for studying the ground deformations induced by the April 6th, 2009 earthquake in Abruzzo", Fringe 2009

#16.

Antoninetti, Guzzetti, Pasquariello, Candela e altri. "Utilizzo di tecnologie e dati EO ottici a supporto della conoscenza e del monitoraggio dei fenomeni di frana", ASITA 2009

#17.

Perrone, Guzzetti, Riccio, Candela e altri, "La stima dell'umidità del suolo da dati EO a supporto del monitoraggio del rischio di frana", ASITA 2009

#18.

Guzzetti, Candela, Ober,"MORFEO: un sistema prototipale a supporto della decisione di protezione civile sul rischio frane", ASITA 2009

#19.

Nitti, Rana, Bovenga, Nutricato, Tragni, Chiaradia, Ober, Candela "Analisi del sisma del 6 Aprile 2009 in Abruzzo con tecniche di interferometria SAR differenziale", ASITA 2009

#20.

Abbattista, Nutricato, Nitti, Ober, Candela, "Utilizzo congiunto di tecniche e dati SAR con dati in situ nel progetto MORFEO", ASITA 2009

#21.

F.Dell'Acqua, D. Polli, L. Candela "Further avances in automatic mapping of seismic damage based

on very high resolution SAR images", EARSEL 2010

#22.

Covello, Battazza, Coletta, Candela e altri "One- day inteerferometry results with the COSMO-SkyMed Constellation", ESA Living Planet Symposium 2010

#23.

F. Covello, F. Battazza, A. Coletta, M. L. Battagliere, V. Bellifemine, L. Candela, One- day interferometry results with the COSMO- SkyMed constellation, in proceedings of IGARSS 2010 paper no. 2308, 8-12 June 2010, Honolulu, Hawaii, US

#24.

Coletta, Battagliere, Bellifemine, Candela e altri "Exploitation of COSMO- SkyMed Mission: preliminary results using the one-day configuration", IGARSS 2010

#25.

Bellifemine, Bovenga, Candela e altri "Identificazione di aree inondate da immagini SAR a media ed alta risoluzione", Atti 14° Conferenza nazionale ASITA Brescia 9-12 novembre 2010

#26.

Poster "Operational evaluation of damages in flooded areas from COSMO- SkyMed Imagery", Shangai, EXPO 2010

#27.

'The COSMO SkyMed program', Vienna, 3rd Industry Annual Symposyum ONU, 4 Marzo 2002

#28.

"COSMO- SkyMed: Mission Definition and Main Application and Products", PolinSAR, ESRIN 26 Gennaio 2003

#29.

"Recent GMES developments in Italy", Presentazione sessione TS 5.5 31° ISRSE St Petersburg, 21 Giugno 2005, L. Candela, G. Rum

"#30.

The operational use of the Earth Observation satellites data within the Italian Civil Protection System : status and perspectives", Presentazione sessione TS 14.2 31° ISRSE St Petersburg, 21 Giugno 2005, G. Rum, L. Candela, B. De Bernardinis, P. Soddu

#31.

Presentazione alla 7a Conferenza Nazionale delle Agenzie Ambientali – Reti di monitoraggio e Telerilevamento: L. Candela "i prodotti applicativi asi e la gestione delle emergenze".

#32.

G. Boni, L. Candela, F. Castelli, S. Dellepiane, M. Palandri, N. Pierdicca, D. Persi, R. Rudari, S. Serpico, F. Siccardi, C. Versace "OPERA Project: high resolution COSMO/SkyMed SAR data analysis for civil protection from flooding events: OPERA Project", 23 Ottobre 2008

#33.

Pierdicca, N., Chini, M., Pulvirenti, L., Candela, L., Ferrazzoli, P., Guerriero, L., Boni, G., Siccardi, F., Castelli, F., Using COSMO- SkyMed data for flood mapping: Some case-studies, Geoscience and Remote Sensing Symposium, 2009 IEEE International, IGARSS 2009 , vol.2, pp.II-933-II-936, 12-17 July 2009, doi: 10.1109/IGARSS.2009.5418251

#34.

Boni, G., Candela, L., Castelli, F., Dellepiane, S., Palandri, M., Persi, D., Pierdicca, N., Rudari, R., Serpico, S., Siccardi, F., Versace, C., The OPERA project: EO- based flood risk management in Italy, Geoscience and Remote Sensing Symposium,2009 IEEE International ,IGARSS 2009, vol.2, pp.II-929-II-932, 12-17 July 2009, doi: 10.1109/IGARSS.2009.5418250

#35.

Pierdicca, Pulvirenti, Candela e altri, "A model- based approach for mapping floods using COSMO-SkyMed data" SPIE 2009

#36.

G. Boni, L. Candela, F. Castelli, F. Caparrini, F. Delogu, D. Persi, and R. Rudari, Impact of Satellite-based soil moisture index on hydrological simulation for floods prediction, Geophysical Research Abstracts, Vol. 11, EGU2009-12515, 2009

#37.

G. Boni, L. Candela, F. Castelli, M. Palandri, N. Pierdicca, D. Persi, R. Rudari, S. Serpico F. Siccardi, C. Versace: High resolution COSMO/SkyMed SAR data analysis for civil protection from flooding events", XIV Riunione Annuale CeTeM / V Workshop AIT / XIV Giornata MECSA sull'Ingegneria delle Microonde – Roma, 23-24 Ottobre 2008.

#38.

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(aggiornato al 24/10/2022)