THE WEEK AT A GLANCE

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| Venues: | |
| CNR Headquarters (CNR):  Piazzale Aldo Moro 7 | May 20 morning (optional)  May 21 all day  May 22 all day  May 23 all day |
| SIOI- Società per l’ Organizzazione internazionale: Piazza di S. Marco, 51 | May 20 - 14:00 – 20:30 |
| Castelporziano Presidenzial Estate  (Castelporziano) | May 24 - 9:00 – 17:00  (bus leaves at 8:00 – comes back at 19:00) |

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| **FIRST DAY: Monday 20 May 2019**  CNR Headquarters (optional)  SIOI | **MORNING:**  Optional operational/technical WP meetings at CNR Headquarters from 10:00 am – Aula Marconi  **AFTERNOON – at SIOI**  14:00 – 20:30  **Official start of the meeting.**  **Presentation of the main results and scientific threads**  **Welcome party at SIOI** |
| **SECOND DAY: Tuesday 21 May 2019 - CNR Conference room -** | **ALL DAY** (9:00 – 18:30)  **WP reports and Discussion**  **EVENING** (18:30-20:30)  **CCT Meeting** |
| **THIRD DAY: Wednesday 22 May 2019 - CNR Conference room** | **ALL DAY**  **ECOPOTENTIAL Science stories: Storylines and beyond** |
| **FOURTH DAY: Thursday 23 May 2019 – CNR Conference room** | **ALL DAY**  **General Assembly, Discussion on next events, WP meetings**  **19:00 – 21:00 Guided tour: Rome by night (bus leaves at 18:30)** |
| **FIFTH DAY: Friday 24 May 2019 – Castelporziano Presidential Estate** | **MORNING**  **From ECOPOTENTIAL to the Community of Practice**  **the ECOPOTENTIAL Legacy**  **AFTERNOON**  **Field Trip – Castelporziano protected area**  **(Bus leaves from CNR at 8:00 – comes back at 19:00)** |

**FIRST DAY: Monday 20 May 2019**

**CNR and SIOI**

**Presentation of the main results and scientific threads**

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| **10:00-12:00** | **Morning:**  MEET UP at 10:00 in **Aula MARCONI, CNR Headquarters – Piazzale Aldo Moro, 7**  followed by optional operational/technical meetings for specific tasks / WPs if needed |  |
| **14:00-20:30** | **Afternoon**  **Meeting at SIOI - Piazza di San Marco, 51** |  |
| 14-14:40 | Welcome and official opening  ECOPOTENTIAL: main results and achievements | Antonello Provenzale |
| 14:40-15:00 | ECOPOTENTIAL and the biome concept | Carl Beierkuhnlein |
| 15:00-15:20 | ECOPOTENTIAL, EO data and GEO | Joan Maso /  Cristina Domingo |
| 15:20-15:40 | ECOPOTENTIAL, in situ data and GEO | Johannes Peterseil / Dimitris Poursanidis |
| 15:40-16:10 | *BREAK* |  |
| 16:10-16:30 | Future PAs as seen by ECOPOTENTIAL | Herman Hummel |
| 16:30-17:00 | ECOPOTENTIAL contribution to the definition of Essential Variables for Ecosystems | Henrique Pereira, Aurora Torres,  Herman Hummel |
| 17:00-17:20 | ECOPOTENTIAL: From Science to Policy | Matthias Jurek |
| 17:20-17:50 | ECOPOTENTIAL Virtual Laboratory implementation | Paolo Mazzetti, Palma Blonda, Ioannis Manakos |
| 17:50-18:10 | The EODESM approach | Richard Lucas |
| 18:10-18:30 | Life after ECOPOTENTIAL: LifeWatch ERIC | Alberto Basset |
| 18:30-20:30 | Social Event @ SIOI – Aperitive dinner |  |

**SECOND DAY: Tuesday 21 May 2019**

**CNR headquarters – Conference room**

**Presentations of the WorkPackages reports**

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| *9:00-9:20* | *A pan-European view using Remote Sensing* | *Arnon Karnieli* |
| 9:20-10:50 | **WP MAIN RESULTS**, PRODUCTS, GAPS, LESSON LEARNED AND THINGS TO DO – PART I  WP3, WP4, WP5  (30 minutes each) | Chair:  Palma Blonda |
| 10:50-11:20 | *BREAK* |  |
| *11:20-11:40* | *Ecosystem Services: the ECOPOTENTIAL view* | *Ghada El Serafy* |
| 11:40-13:10 | **WP MAIN RESULTS**, PRODUCTS, GAPS, LESSON LEARNED AND THINGS TO DO – PART II  WP6, WP7, WP9 | Chair:  Carmela Marangi |
| 13:10-14:30 | *LUNCH* |  |
| 14:30-17:00 | **WP MAIN RESULTS,** PRODUCTS, GAPS, LESSON LEARNED AND THINGS TO DO – PART III  WP2, WP8, WP10, WP11, WP12 | Chair:  Carl Beierkuhnlein |
| 17:00-17:30 | *BREAK* |  |
| 17:30-18:30 | **DISCUSSION ON THINGS TO BE DONE** - I  in particular, the final volume on Science Stories | Chair:  Antonello Provenzale |
| 18:30-20:30 | **CCT MEETING**  Meeting room of the Department of Earth System Sciences and Environmental Technology - CNR |  |

**THIRD DAY: Wednesday 22 May 2019**

**CNR headquarters – Conference room**

**Science Stories and Storylines**

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| *9:00-9:30* | *Shifting paradigms to mitigate environmental risks: from the catchment drainage model to a watershed storage system* | *Sergio Vallesi - Water Resource Engineering/ Landscape Ecology* |
| 9:30-11:30 | **ECOPOTENTIAL Science stories and Storylines**  I – Remote Sensing Technologies (8 presentations)  (15 minutes each) | Chairs of the 4 sections:  Silvia Giamberini  Dimitris Poursanidis  Francesca Santoro |
| 11:30-12:00 | *BREAK* |  |
| 12:00-13:15 | **ECOPOTENTIAL Science stories and Storylines**  II – ECOSYSTEM SERVICES (5 presentations)  (15 minutes each) | Chairs of the 4 sections:  Silvia Giamberini  Dimitris Poursanidis  Francesca Santoro |
| 13:15-14:30 | *LUNCH* |  |
| *14:30-15:00* | *Rates of erosion and sediment flux from tree throw in the Appalachian Mountains, eastern U.S.* | *Tim White, Pennsilvanya Univ* |
| 15:00-16:00 | **ECOPOTENTIAL Science stories and Storylines**  III – MODELLING 1 (4 presentations)  (15 minutes each) | Chairs of the 4 sections:  Silvia Giamberini  Dimitris Poursanidis  Francesca Santoro |
| 16:00-16:30 | *BREAK* |  |
| 16:30-17:30 | **ECOPOTENTIAL Science stories and Storylines**  IV – MODELLING 2 (4 presentations)  (15 minutes each) | Chairs of the 4 sections:  Silvia Giamberini  Dimitris Poursanidis  Francesca Santoro |
| *17:30 -18:00* | *Life after ECOPOTENTIAL: GEO ECO and EuroGEOSS* | *Ghada El Serafy* |

Free evening

**FOURTH DAY: Thursday 23 May 2019**

**CNR headquarters – Conference room**

**ECOPOTENTIAL and beyond**

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| 9:00-11:00 | **GENERAL ASSEMBLY**  Including: pending deliverables, final reporting, financial rules | All, plenary  Chair:  Antonello Provenzale, Carmela Marangi |
| 11:00-11:30 | *BREAK* |  |
| 11:30-13:00 | **Discussion on the project results**  EuroGEOSS workshop in Lisbona  ECOPOTENTIAL in Bruxelles  & last dissemination efforts in WP12 | All, plenary  Chair: Antonello Provenzale, Silvia Giamberini |
| 13:00-14:30 | *LUNCH* |  |
| 14:30-17:30 | Parallel technical meetings for the last efforts | Parallel sessions |
| 17:30-18:30 | Summing up:  **DISCUSSION ON THINGS TO BE DONE - II**  Deadlines and final steps - Flash reports from side meetings if needed | All, plenary  Chair: Antonello Provenzale |
| 19:00-21:00 | **Social event: “Rome by night”** - guided tour at the “Fori Imperiali” – Imperial Fora  (Bus leaves from CNR at 18:30) |  |

**FIFTH DAY: Friday May 24 2019**

**From ECOPOTENTIAL to the Community of Practice - I**

**the ECOPOTENTIAL Legacy**

**CASTELPORZIANO**

**Bus leaves from CNR at 8:00 sharp and will be back at about 19:00**

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| 9:00-9:30 | The legacy of ECOPOTENTIAL and links with other programmes, projects and initiatives | Antonello Provenzale |
| 9:30-11:00 | **Contribution from other projects/programs**  NextGEOSS (Nuno Catarino)  ERA PLANET (Nicola Pirrone)  GEO GNOME / ECRA Hydro (Elisa Palazzi)  CZEN and CZO (Tim White)  Gulf of Mexico (Annalisa Bracco)  INTERACT (Luigi d’Acqui - Tbc)  PANORAMA (UNEP-Tbc) | Chair: Antonello Provenzale |
| 11:00-11:30 | break |  |
| 11:30-12:30 | **Life after ECOPOTENTIAL**  Round table and open discussion  with the other projects and initiatives | Chair: Antonello Provenzale |
| 12:30-14:00 | Lunch |  |
| 14:00-17:00 | Field tour at Castelporziano |  |
| 18:00 | End of the General Meeting – bus back to CNR |  |

**Details: WEDNESDAY 22nd: Science Stories and Storylines**

**MORNING – REMOTE SENSING TECHNOLOGIES from 9:30 to 11:30 – 15 minutes each included discussion**

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| **Author / Authors** | **INSTITUTION(S)** | **TITLE** | **Storyline # - Protected areas (if relevant)** |
| Inês Ribeiro, Vânia Proença, Pere Serra, Jorge Palma, Cristina Domingo-Marimon, Xavier Pons, Tiago Domingo | Tecnico Ulisboa et al | Remotely sensed indicators and open-access biodiversity data to assess bird diversity patterns in Mediterranean rural landscapes. | Montados |
| Arnon Karnieli | BGU | HarHanegev - time series analysis of vegetation-cover response to environmental factors and residential development in a dryland region | Negev |
| Emilio Guirado, Siham Tabik, Domingo Alcaraz‐Segura, Javier Cabello, Francisco Herrera. | Univ. Granada et al | Scientific activity on "Remote sensing and deep learning to protect a priority habitat under the Water Framework Directive". | Not related to storyline |
| Ioannis Manakos, Danai Aristeridou, Georgios Kordelas, Kalliroi Marini, Gregory Giuliani, Yaniss Guigoz, Bruno Chatenoux, Nektarios Chrysoulakis, Dimitris Poursanidis | CERTH, UNEP, FORTH | Exploring the potential of Earth Observations Data Cube for monitoring a protected area | Samaria |
| Maria Adamo, Cristina Tarantino, Saverio Vicario | CNR | Intra-annual Time Series of Landsat images for LC classification in EODESM | Murgia Alta |
| Saverio Vicario, Maria Adamo, Cristina Tarantino | CNR | Bayesian harmonic modelling of sparse and irregular time series of SRSensing Vegetation Phenology: a story of shades, clouds and fires | Murgia Alta, Peneda Geres |
| Fabio Rana, Maria Adamo | CNR, University of Bayreuth (UBT) | SAR sea surface wind for ecological modelling: LG-Mod single-scale applications | La Palma |
| Maria Adamo, Fabio Rana, Fasma Diele, Carmela Marangi | CNR | SAR sea surface wind: LG\_Mod Multi-Scale approach and uncertainty | Related to coastal PA storylines |

**Details: WEDNESDAY 22nd: Science Stories and Storylines**

**MORNING - ECOSYSTEM SERVICES - from 12:00 to 13:15 – 15 minutes each included discussion**

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| **Author / Authors** | **INSTITUTION(S)** | **TITLE** | **Storyline # (if relevant)** |
| Ricardo Moreno Llorca, Javier Herrero Lantarón, Agustín Millares Valenzuela, Domingo Alcaraz Segura, Ana Sofía Lino Vaz, Francisco Bonet García. | Univ Granada et al | Storyline on "Temporal evolution of ecosystem services in Sierra Nevada”. | ecosystem services in Sierra Nevada”. |
| Ricardo Moreno Llorca, Ana Sofía Lino Vaz, Pablo Fernández Méndez, Andrea Ros Candeira, Domingo Alcaraz Segura, Luis Santamaría Galdón, Eloy Revilla Sánchez. | Univ Granada et al | Scientific activity on the “Use of social media photos to estimate cultural ecosystem services in protected areas”. | Not related to storyline |
| Javier Cabello, Rut Aspizua, José Miguel Barea, Javier Cano, Ignacio Henares, Antonio Pérez-Luque, Javier Sánchez, Luis Santamaría, Regino Zamora | Univ Granada et al | Scientific activity on “Ensuring ecosystem services in protected areas through climate change adaptation actions. LIFE Project ADAPTAMED”. | Not related to storyline |
| Constantin Cazacu, Mihai Cristian Adamescu, Relu Constantin Giuca | UB | Storyline on "The impact of aquatic ecosystems provisioning services on tourism" | Danube Delta provisioning vs cultural services |
| Ana Stritih, Adrienne Grêt-Regamey | ETH | A Bayesian Network toolbox for ecosystem services | Not related to storyline |

**Details: WEDNESDAY 22nd: Science Stories and Storylines**

**AFTERNOON: MODELLING - from 15:00 to 16:00 and from 16:30 to 17:30 – 15 minutes each included discussion**

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| **Author / Authors** | **INSTITUTION(S)** | **TITLE** | **Storyline # (if relevant)** |
| Jonathan Giezendanner, Damiano Pasetto, | EPFL, CNR, GPNP | Earth Observation driven Metapopulation dynamics - a case study on Carabids | Gran Paradiso National Park: Mountain biodiversity as a sentinel of environmental change") |
| Damiano Pasetto, Jonathan Giezendanner, Andrea Rinaldo | EPFL | Consistency of metapopulation modeling with coarse graining: a case study on the Gran Paradiso National Park” (work presented in Deliverable 8.5) | Gran Paradiso National Park: Mountain biodiversity as a sentinel of environmental change" |
| Beatriz P. Cazorla, Javier Cabello, Julio Peñas, Andrés Reyes, Emilio Guirado, Ana Meijide, Rodrigo Vargas, Domingo Alcaraz-Segura. | Univ Granada et al | Storyline on "Ecosystem Functional Types as an EBV to characterize functional diversity". | Ecosystem Functional Types- Sierra Nevada |
| Silvia Giamberini, Ilaria Baneschi, Brunella Raco, Antonello Provenzale, Marta Magnani, Pietro Mosca | IGG-CNR | Carbon fluxes in high-altitude prairies: results from the Critical Zone Observatory at Gran Paradiso National Park | GPNP M1-a:  Dynamics of high-altitude environments as a life-support system to wild herbivores: carbon and moisture cycling, biodiversity and landscape modification |
| Ole Reidar Vetaas & Tessa Bargmann | University of Bergen (UiB) | Results from the Hardangervidda Storyline | Dynamics of high-altitude environments as a life-support system to wild herbivores (M1b Hardangervidda) |
| Alexander Ziemba, Sonja Wanke, Arjen Boon, Myra van der Meulen, Ghada El Serafy | Deltares | Final Results of the Wadden Sea storyline | O1 |
| Ioannis Manakos, Georgios Kordelas, Javier Bustamante, Brigitte Poulin | CERTH, EBD-CSIC, TdV | Copernicus assisted inundation mapping for wetland Protected Areas | Doñana, Camargue |
| Javier Bustamante | EBD-CSIC, CERTH, CREAF, UNSW, DLR, ISAC-CNR | Results of the Doñana Storyline | O3 |

**DETAILS: POSTER SESSION**

**Posters will be displayed in a dedicated room next to the CNR Conference Hall and will stay in place for the whole duration of the meeting. Placement on Monday May 20th morning - Dismounting will be on Thursday 23rd evening before the Social Event.**

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| **SPECIAL GUEST IN THE DIGITAL POSTERS CORRIDOR:**  **THE ECOPOTENTIAL PHOTO EXHIBITION (16 DIGITAL SCREENS – EACH OF THEM DIPLAYING THE WHOLE EXHIBITION)**  <http://www.ecopotential-project.eu/products/photoexhib.html> |

| **Author / Authors** | **INSTITUTION(S)** | **TITLE OF THE POSTER** |
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| Silvia Giamberini, Ilaria Baneschi, Antonello Provenzale et al | CNR | Carbon fluxes in alpine meadows (Gran Paradiso National Park) |
| Arjan Gosal and Guy Ziv | UNIV LEEDS | Context dependence of recreational preferences in National Parks |
| Andreas Dittrich, Cristiana Cerrato, Michael Ewald, Ruth Sonnenschein, Ramona Viterbi and Anna F. Cord | UFZ, EURAC, GPNP | Modelling distributions of rove beetles in the Gran Paradiso National Park using Earth Observation data |
| Ioannis Manakos, Georgios Kordelas, Kalliroi Marini, Marios Bakratsas, Georgios Chantziaras,Francisco Javier Bonet García, María José Polo Gómez, Javier Herrero, María Suárez-Muñoz, Carmela Marangi, Angela Martiradonna, Fasma Diele, Andrea Rinaldo, Damiano Pasetto, Jonathan Giezendanner, João F Gonçalves, João Honrado, Salvador Arenas-Castro, Anna Cord, Javier Bustamante, Diego Garcia, Ricardo Díaz-Delgado | CERTH, UCO, UGR, CNR, EPFL, ICETA, UFZ, CSIC | ECOPOTENTIAL online data servives |
| Niels Hellwig, Ariane Walz, Danijela Markovic | UP, UP/HSOS | Climatic and socioeconomic effects on land cover changes across Europe: Does protected area designation matter? |
| Oskar Kärcher, Karin Frank, Ariane Walz, Danijela Markovic | UP/HSOS | Scale effects on the performance of niche-based models of freshwater fish distributions |
| Rasa Morkūnė et al. | KU | -tbd- |
| Christoph Wohner & Johannes Peterseil | Umweltbundesamt GmbH | DEIMS-SDR as a tool to foster environmental research by providing standardised site information |
| Bénédicte Madon, Emilia Valentini et al. | UBO, ISPRA | *-tbd-* |
| Emilio Guirado, Bénédicte Madon, Linwood Pendleton, Siham Tabik, Domingo Alcaraz-Segura | UBO, UGR | Whale detection from aerial and satellite images with deep learning |
| Hanna Huryna, Yafit Cohen, Arnon Karnieli, Natalya Panov, William Kustas, and Nurit Agam | BGU | Sharpening Sentinel-3 thermal images by fusing Sentinel-2 VIS/NIR imagery |
| Nathan Levi, Tarin Paz-Kagan, and Arnon Karnieli | BGU | Using reflectance spectroscopy for detecting land-use effects on soil quality in dryland |
| Mylène farge & Rutger De Wit | CNRS Montpellier | Multiple PA designations, the example of the Camargue (S France) |
| Kobler Johannes et al. | EAA | Upscaling model-derived forest carbon fluxes using EO-products and ancillary site data |
| Joan Masó, Alaitz Zabala and Cristina Domingo | CREAF, UAB | Time -series analysis of satellite products made simple for Protected Areas Managers with user Generated Knowledge (feedback) |
| Anna Spinosa, Alex Ziemba, Ghada El Serafy | Deltares | Shoreline evolution detection utilizing Sentinel-1 SAR |
| Sonja Wanke, Alex Ziemba, Ghada El Serafy | Deltares | Depicting Trade-offs between Ecosystem Services in the Dutch Wadden Sea with a Bayesian Network |
| E. Argiriadis, C. Turetta, L. Poto, I. Baneschi, C. Barbante | CNR | -tbd- |
| J. Honrado, C. Carvalho-Santos, S. Arenas-Castro, P. Alves, A. Monteiro, A. Regos, J. Gonçalves, I. Martins, P. Castro, J. Alonso, D. Alcaraz-Segura | InBIO/ICETA - UP, UGR | Biodiversity and ecosystem services in mountain protected areas under global change: lessons from the Peneda-Gerês (M7) storyline |
| Ramona Viterbi, Cristaina Cerrato, Antonello Provenzale et al. | GPNP, CNR | Monitoring animal biodiversity in mountain ecosystems |
| PoliMi group | PoliMI | Connectivity in the Mediterranean Large Marine Ecosystem: The good and the bad |
| Orhideja Tasevska, Suzana Patcheva, Elizabeta Veljanoska-Sarafiloska Hydrobiological Institute, Ohrid, Republic of North Macedonia Silvia Giamberini, Ilaria Baneschi, Antonello Provenzale, Institute of Geosciences and Earth Resources -CNR, Pisa, Italy - Barbara Zennaro, University of Bayeruth | HIO, CNR, BU | Ecosystem services and biodiversity crisis across mountain lakes; PA Ohrid/Prespa lakes |
| Marta Magnani, Ilaria Baneschi, Mariasilvia Giamberini, Pietro Mosca , Brunella Raco and Antonello Provenzale | CNR | Modelling high-altitude Critical Zone in Alpine Meadows |