The RSCY2019 scientific program will accommodate sessions and workshops on a wide range of themes, including:

- Earth Observation research projects, applications and emerging technologies
- Applications of remote sensing, geo-information, geophysics
- Remote sensing & geo-information in education
- Oil exploration, oil and gas – hydrocarbons
- Marine spatial planning, coastal zone management
- Geoinformation for blue economy and blue growth
- Environmental monitoring and protection, risk assessment
- Field spectroscopy, Geophysics (GPR)
- Cultural heritage, archaeology, crop marks
- Land use and land cover, land-cover changes degradation and desertification
- Artificial neural networks
- Urban remote sensing, Built Enviroment
- Oceans, coastal zones and inland waters
- Natural and man-made disasters, natural hazards
- Forestry and forest fires, burned areas
- Land survey, real estate, mapping of buildings/land for taxation
- Climate changes, meteorology, atmospheric chemistry, air pollution
- Water resources management, hydrology, hydraulics
- 3D remote sensing, RADAR, LIDAR, thermal remote sensing
- New instruments and methods (satellites, sensors, drones, UAVs)
- Laser Scanning, 3D-Modelling
- UAV applications, integrated UAV systems
- Agriculture, evapotranspiration, diseases
- Geology, geo-hazards
- Radar remote sensing, SAR