

IAF EARTH OBSERVATION SYMPOSIUM (B1)

50 years of Earth observation: The contribution to sustainable development goals and plans for the future
(6)

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KEYNOTE: 50 YEARS OF EARTH OBSERVATIONS: THE CONTRIBUTION TO SUSTAINABLE
DEVELOPMENT GOALS AND PLANS FOR THE FUTURE

Abstract

This presentation will provide a broad overview of the role of satellite based earth observations contributing to UN sustainable development goals and plans for the future. It will cover the over 50 years of increasingly capable satellite observations, how they were developed, how applications to sustainable development goals were developed and how they have been used for monitoring the use of planet resources and impacts on sustainability. The talk will cover climate, environment, urban areas, water, land, ocean and cryosphere concentrating on how humanity has addressed sustainability issues and how Earth Observations from space have helped. Finally, the presentation will address plans for the future.