

Sonnblick Observatory & ENVISON

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Sonnblick Observatory (ZAMG), Salzburg, Austria

The Sonnblick Observatory is a high altitude research station at elevation 3106 m a.s.l.. It was built in 1886 at the summit of the mountain “Hoher Sonnblick”, motivated from the need for information on meteorology at high altitudes of the atmosphere. But soon other scientific disciplines became interested in the extreme location of the observatory.

Today the scientific foci of the Sonnblick Observatory are formulated in the research program ENVISON, “ENVironmental research and monitoring SONblick”. The program covers three main topics (atmosphere, cryosphere, and biosphere) in an extensive monitoring program (ATMON, CRYMON, BIMON) and with many research projects. Since 1886, Sonnblick was and is involved in many international projects on atmospheric chemistry and atmospheric physics and until now, the Sonnblick Observatory cooperates with several Austrian and international universities/research institutions.

The talk will give an overview about Sonnblick Observatory’s history, current and planned activities and possibilities.