WILDFIRE MONITORING BEYOND THE SATELLITE PASS

Satellite data shows the big picture. Our high-altitude missions add targeted observations for wildfire detection, atmospheric sensing and fire-related research.



FIELD-TESTED FLIGHT HERITAGE
From the stratosphere to targeted wildfire monitoring

30
HIGH-ALTITUDE MISSIONS

100,000 ft
BALLOONS OPERATIONAL ALTITUDE

19 mi
STRATO GLIDER MAX. ALTITUDE

UNIVERSITY OF ŽILINA

FUTUREFOR

WHY FOR WILDFIRES?

THE MISSING LAYER
IN WILDFIRE MONITORING

UNIZA develops balloon-assisted unmanned gliders to complement Copernicus with targeted EO and in-situ data for wildfire monitoring and fire-related research.

WILDFIRE OBSERVATION

ATMOSPHERIC MEASUREMENTS

CUSTOM FIRE-SENSING PAYLOADS

WE ARE LOOKING FOR MISSION PARTNERS

Working on wildfire monitoring or a fire-sensing payload?

Collaborate with UNIZA on high-altitude wildfire monitoring missions, atmospheric sensing and fire-related payload demonstrations.



DISCUSS A PILOT MISSION

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