



ENVIRONMENTAL INFLUENCES ON YOUR PRODUCTS

ENVIRONMENTAL SIMULATION

Technical products can be subject to a multitude of influences from their surroundings during their whole lifespan. These influence their function, their longevity and therefore their quality and reliability.

It is therefore of considerable technical and economic significance that products are so constructed and manufactured that they withstand ensuing environmental influences, thus reliably fulfilling their function and achieving their guaranteed lifespan.

One can say more simply that the environment, which can have an effect on the products, is reproduced or simulated. Thus an assertion can be made as to whether the above-described requirements can be effectively achieved.

THE SSEE

The Swiss Society of Environmental Engineering (SSEE) was established in 1988 as an autonomous specialist organisation and thus replaced the Swiss section of the GESELLSCHAFT FÜR UMWELTSIMULATION e.V. (GUS) founded in 1984.

The SSEE is a specialist organisation of engineers, scientists, firms and institutions which are involved in the field of environmental simulation.

The SSEE organises yearly congresses. It is the connecting link for those people working as specialists in environmental simulation both here in Switzerland and abroad. The SSEE is a partner for both users and producers of simulations equipment and the connected measuring systems. It arranges contacts between environmental research laboratories and achieves the coordination of reciprocal requirements.

ENVIRONMENTAL INFLUENCES

Environmental influences can be specified as all forms of physical, chemical or other effects on the objects under investigation. These generally originate from the direct or indirect vicinity during the production, delivery and operational conditions.

From the viewpoint of the object it is insignificant whether these environmental influences are from a natural or technical source.



Natural	Environmental Influences	Technical
exposure to air	temperature	ventilation, engine room
tropical climate	humidity	saunas, public pools
high- and low pressure	air pressure	air transport
maritime climate	saltwater	thawing salt
Ozone	gases	industrial atmosphere
precipitation	water	wash-tunnels
sand and dust	particles	emission of particles
earthquakes	vibration, impact	transport
sun	radiation	lighting
wind	sound	noise
fungus, mildew algae	chemical aging, biological growth	sour rain, cleaners
earth's magnetic field	electromagnetic fields	transmitters, x-rays
radon	radioactivity	nuclear power stations

MEMBERSHIP / CONTACT

The SSEE is together made up of Individual and Company Members. A Company can send up to 5 participants to SSEE Meetings at a reduced price.
Membership subscription at the present (2016) as follows:

- Single members CHF 80.-
- Company members CHF 390.-

Membership Applications and Statutes under www.svu.ch

