

# Environmental Software (2)

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# Environmental software (2)

Air quality

Noise

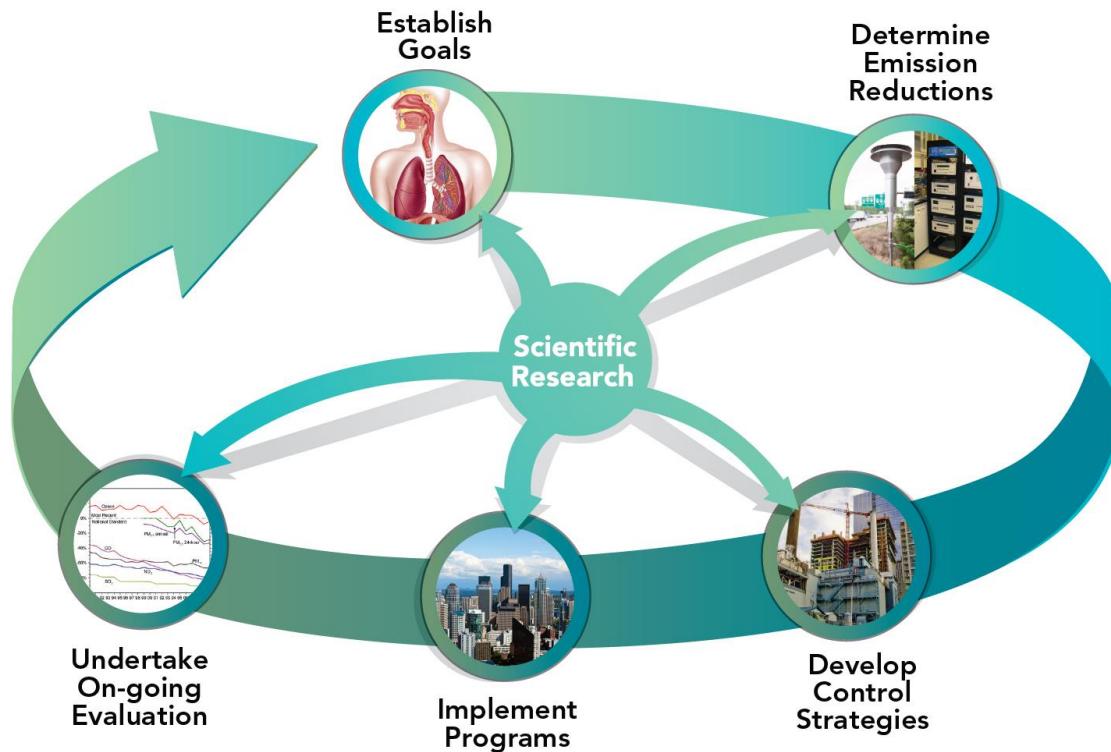
Ecological models

Soil pollution

Climate change models

# Air quality software

## AIR QUALITY MANAGEMENT CYCLE



[Models, tools and databases for air quality, EPA](#)

# Noise modelling software

## noise modeling software software



### dhwaniPRO - Noise Modeling Software

envitrans is pleased to announce the release of dhwaniPRO an ambient air noise modeling application developed for the professionals working with environmental impact assessment of noise pollution scenarios. Noise modeling includes industrial and traffic noise.

By Envitrans Private Limited based in Ghaziabad, INDIA.



### SoundPLANessential - Version 5.0 - Noise Modeling Software

SoundPLANessential 5.0 is the single document application for environmental noise planning of roads, railways and industrial facilities. Create noise contour maps in cities and open environment from basic 3D geometry and some traffic information or sound power data. It was conceived with the occasional user in mind who may not have in-depth ...

By SoundPLAN GmbH based in Shelton, WASHINGTON (USA). from SoundPLAN essential Software line



### Canarina CUSTIC - Noise Pollution Modeling Software

CUSTIC is a software for Noise pollution modeling. The program calculates the noise level in each point of the space considering each one of the sources and the conditions of the atmosphere. The system of simulation of processes of dispersion that CUSTIC 3.2 has, offers to the beginner and the expert programmer, a quick and practical ...

By Canarina Environmental Software based in Canary Islands, SPAIN. from Canarina CUSTIC - noise pollution Software line



### Predictor - Version LimA - Environmental Noise Modeling and Mapping Software

Work more efficiently on a wide variety of environmental noise mapping projects with Predictor-LimA's extraordinary calculation speed. Save time and reduce your investment in computing power with the versatile software.

By EMS Brüel & Kjær based in Melbourne, AUSTRALIA. from Noise Modeling Software line



### SoundPLAN - Graphics Package

Graphics Package add-on for optimal presentations. The graphics package is meant as an add-on for users who have purchased a StartKit and want to present their work in the best possible fashion. The user already has the Grid Noise Map as this is included in the smallest subset of SoundPLAN.

By SoundPLAN GmbH based in Shelton, WASHINGTON (USA). from Noise Modeling Software Packages Software line

## Noise modelling software

# Ecological models

“Old” view

## Registers and Sources of Ecological Models

- [WWW Server for ecological modelling](#)
- [EPA Center for exposure assessment & modelling](#)
- [EPA's Council for Regulatory Environmental Modeling - Models Knowledge Base](#)
- [ORNL Biogeochemical Model Archive](#)
- [CAMASE register of agro-ecosystems models](#)
- [SOMNFT Soil organic matter models and data sets](#)
- [Canadian Environmental Modelling Centre](#)
- [EPA page on data and software](#)
- [CEE/ODU Civil/Environmental Computer Model Library \(CEML\)](#)
- [EPA Watershed Tools Directory](#)
- [The Surface Water and Water Quality Models Information Clearinghouse \(SMIC\)](#)
- [International Ground Water Modeling Center \(IGWMC\), Software List](#)
- [Hydrology Modeling](#)
- [Ecotoxicology & Models at Eawag - aquatic research Department of Environmental Toxicology](#)

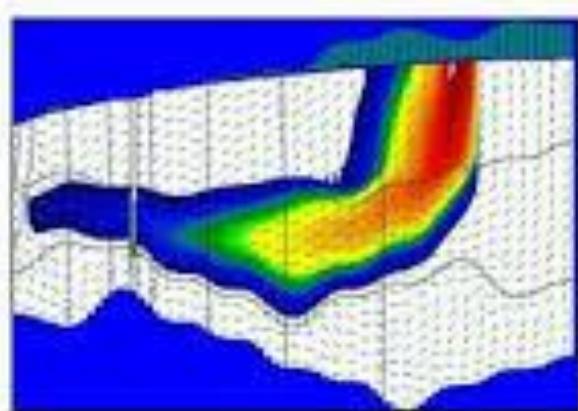
[Ecological models and software links](#)

2020's view

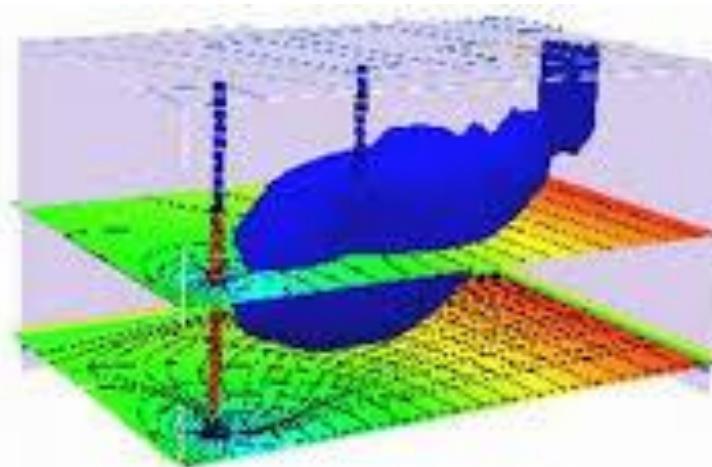


[Model of a forest in Vislab](#)

# Soil pollution models

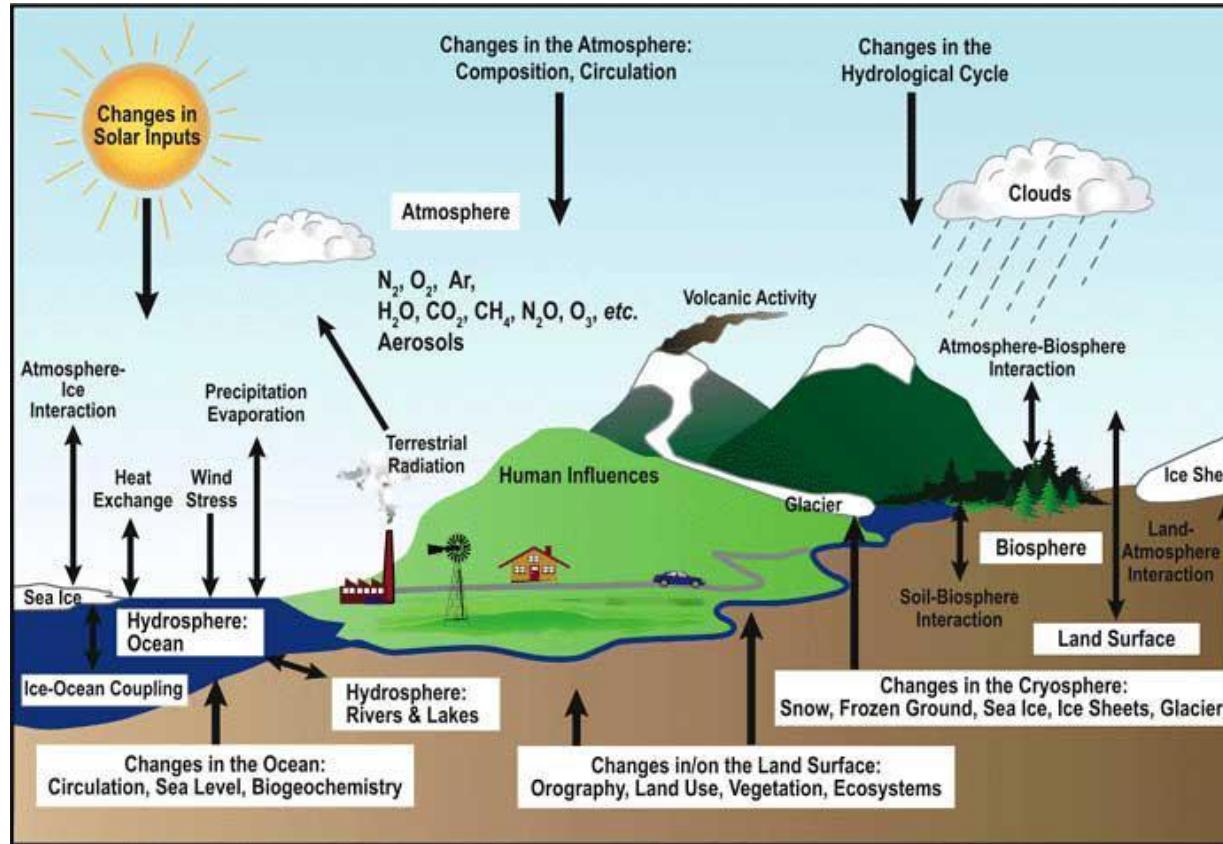


Contaminant distribution



3D visualization

# Climate change models



Educational global climate change modeling

Evaluation of climate models