



# Novim

Love truth, and pardon error

–Voltaire

**Organization**

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**Mission**

To provide clear scientific options to the most urgent problems facing society.

To explore and explain the feasibility, probable costs and possible consequences of each course of action.

To distribute the results without advocacy or agenda both quickly and widely.

**Discourse Project**

Beginning in 2008, Novim has hosted a series of expert panels on topics of global concern.

[sciencediscourse.org](http://sciencediscourse.org)

Collectively, these forums comprise the Science Discourse Project.

**Independence**

In keeping with its policy of non-advocacy, Novim is funded only by tax-free donations from individuals and foundations.

Study participants are limited to individuals who have avoided any public position on the issues in question.

**www.novim.org**

The main Novim Web site links to all of the Novim projects, and provides a collaborative environment for the sharing of research.

It also contains recent articles relating to current as well as past studies, and a forum for comments.

**Novim—the name**

In modern Russian, the expression *S Novim Godam* means Happy New Year. The root of Novim is *novo* or *new*.



**KITP**

Novim builds on a set of scientific collaborative tools developed at the Kavli Institute for Theoretical Physics at UC Santa Barbara.



**News**

[info@novim.org](mailto:info@novim.org)

## Temperature

### Novim Forms Surface Temperature Group

The most important indicator of global temperature variation is the land and sea surface temperature record. This has been criticized of late in several ways, including the choice of stations and the methods used to try and correct for systematic errors.

Under Novim’s sponsorship and directed by noted UC Berkeley physicist Dr. Rich Muller, the Berkeley Earth Surface Temperature study was formed to undertake a new analysis of the surface temperature record in a rigorous manner that addresses these criticisms.

Dr. Muller’s team of physicists, climate and statistical scientists is using over 39,000 unique stations, which is more than five times the 7,280 stations found in the Global Historical Climatology Network Monthly data set (GHCN-M) that has served as the basis for many recent climate studies.

“Our aim is to resolve current criticism of the former temperature analyses, and to prepare an open record that will allow rapid response to further criticism or suggestions.

Our results will include not only our best estimate for the global temperature change, but estimates of the uncertainties in the record,” says Dr. Muller.

In September of this year the group was invited to present their findings to date to the Exeter conference “Creating a Comprehensive Surface Temperature Resource for the 21st Century.”

To date the new group has merged together over 1.6 billion temperature reports from 10 preexisting data archives (4 daily and 6 monthly) to form its preliminary data set.

Novim will make the entire data set and all methodology available through its Web site.



Rich Muller



**BERKELEY  
EARTH  
SURFACE  
TEMPERATURE**

**Novim Science Advisory Board**

- David Gross      Physicist; Nobel Laureate, Director, KITP
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