

WMO/ICSU
WORLD CLIMATE
RESEARCH PROGRAMME

WMO
WEATHER PREDICTION
RESEARCH PROGRAMMES

CAS/JSC WORKING GROUP
NUMERICAL EXPERIMENTATION

RESEARCH ACTIVITIES
IN ATMOSPHERIC AND OCEANIC
MODELLING

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WGNE Blue Book



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Research Activities in Atmospheric and Oceanic modelling (WGNE Blue book)

- **The WGNE Blue Book** publication is an attempt to foster an early interchange of information among scientists developing numerical models for the purpose of climate simulation and for forecasting on various timescales.
- It has been published as a blue-covered book since the early 1970th. Only electronic version is available since 2006.
- The WGNE Blue book is published once a year.

<http://wgne.meteoinfo.ru/publications/wgne-blue-book/>



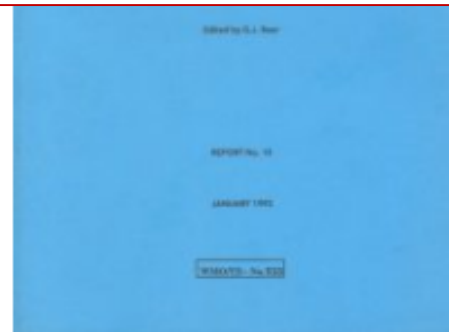
The WGNE Blue Book publication is an attempt to foster an early interchange of information among scientists developing numerical models for the purpose of climate simulation and for

WGNE Blue book issues since 2002
(2002-2016 links to
<https://www.wcrp-climate.org/WGNE/BlueBook>)

The WGNE Blue book is published once a year.



WGNE Blue Book issues



WGNE Blue book call for contributions

Add a contribution to the WGNE Blue book



Working Group on Numerical Experimentation

World Meteorological Organization

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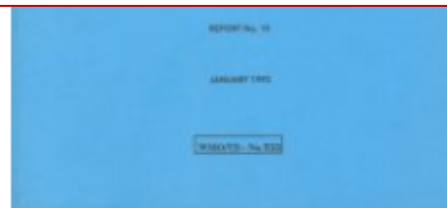
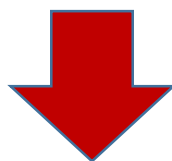
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The WGN

A call for contributions is published at the beginning of each year

WGNE Blue Book issues



WGNE Blue book call for contributions

Add a contribution to the WGNE Blue book



WGNE blue book

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Adding a contribution



WGNE Blue book calls for contributions

Add a contribution to the WGNE Blue book



WGNE blue book

The WGNE Blue Book publication is available among scientists developing numerical weather forecasting on various timescales.

It has been published as a hard copy since 1970th. Only electronic version is available now.

The WGNE Blue book

Adding a contribution

Password protected:
Login/password :
science/science

Becomes accessible only
after the call for
contributions is published
and is closed soon after the
deadline to submit



[WGNE Blue book call for contribution](#)

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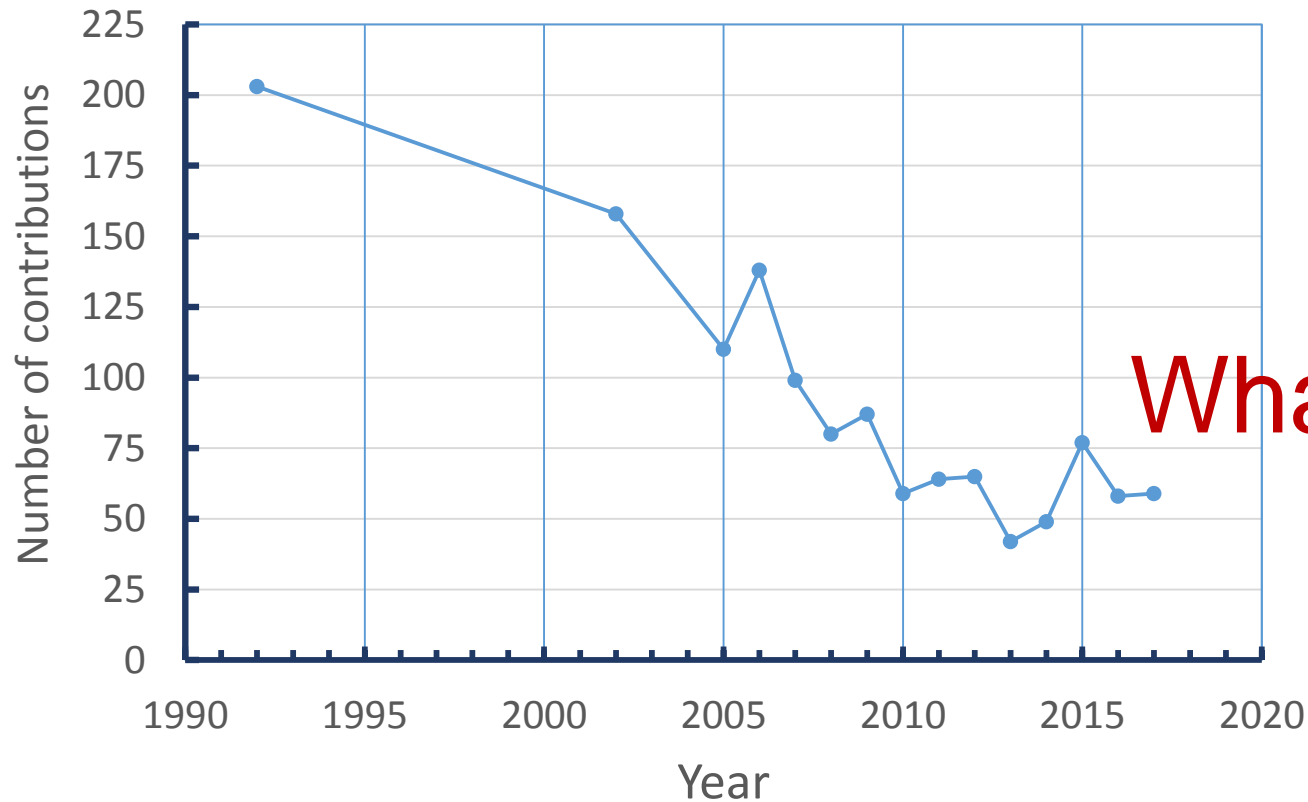
WGNE Blue book 2017

- 59 Contributions from Japan, USA, Russia, France, Australia, Germany, Denmark, and Morocco
- Many papers give the summary of papers recently published or submitted to some journal
- Some papers gave an overview of forecasting systems and there updates

To do list

1. Extend the mailing list – here the help of WGNE members is needed !
2. Make the confirmation of downloading the contribution more clear
3. Enable access to a preliminary version of the Blue book for contributors
4. The issues for 2002-2016 are at the WCRP site. RHMC is ready to place all issues at the WGNE site if the information is archived and only then transferred

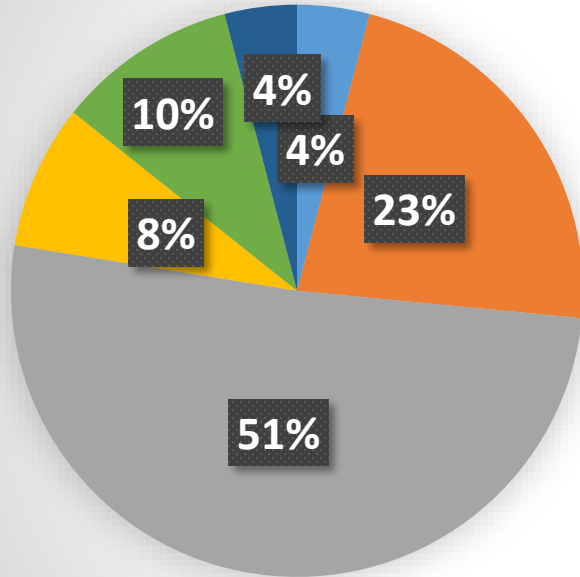
Year to year evolution of the number of contributions



What next?

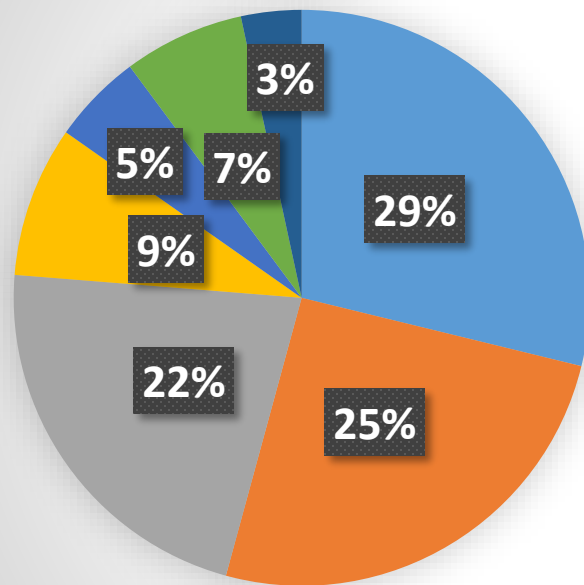
Minimum in 2013: only 42 contributions

Number of contributions from different countries



- USA
- Russia
- Japan
- France
- Germany
- UK, Italy, Switzerland, Spain
- Australia

2014



- USA
- Russia
- Japan
- France
- Germany
- UK, Morocco, Serbia, Denmark
- Australia

2017

Thank you for your attention
and consider contributing to
the WQNE Blue book!



Number of contributions from different countries

	1992	2010	2014	2015	2016	2017
USA	58	3	2	26	16	17
Germany	27			1	1	3
USSR/Russia	22	6	11	17	16	15
Japan	17	33	25	26	22	13
Canada	15	2				
UK	16		1			1
France	10	9	4	5	3	5
Australia	9	4	2			2
ECMWF	6					UK-1
Total	203	59	49	77	58	59

1992: Romania (4), Netherlands (4), Denmark (3) , Finland (3), Yugoslavia (3),China (2),Czechoslovakia (2),New Zealand (1),Austria(1)

2015: Italy (3),China (1),Greece (1),Poland (1),Switzerland (1), Brazil(1)
Several “multi-country” papers