

# CliSci2008

## A Survey of the Perspectives of Climate Scientists Concerning Climate Science and Climate Change

Conducted by:

Dr. Dennis Bray  
email: [Dennis.Bray@gkss.de](mailto:Dennis.Bray@gkss.de)  
tel.: (+) 49 4152 87 1849

Prof. Dr. Hans von Storch  
email: [hvonstorch@web.de](mailto:hvonstorch@web.de)  
tel.: (+) 49 4152 87 1831

Institute for Coastal Research  
GKSS Forschungszentrum  
D21502 Geesthacht  
Germany

### Instructions to Respondent

*In this section we would like to get a general idea of your involvement with the climate sciences.*

**1. The country in which you conduct most of your work is**

**2. Gender**

☐

male

☐

female

**3. The approximate number of years that you have worked in climate science is**

☐

0 to 5 years

☐

6 to 10 years

☐

11 to 15 years

☐

more than 15

**4. In about how many *peer reviewed* scholarly articles on climate change related issues have you been listed as an author?**

- ☐ 0 to 5
- ☐ 6 to 10
- ☐ 11 to 20
- ☐ more than 20

**5. In about how many *non-peer reviewed* reports on climate change related issues have you been listed as an author?**

- ☐ 0 to 5
- ☐ 6 to 10
- ☐ 11 to 20
- ☐ more than 20

**6. Have you ever been an IPCC**

	yes	no
lead author	<input type="radio"/>	<input type="radio"/>
contributing author	<input type="radio"/>	<input type="radio"/>
reviewer	<input type="radio"/>	<input type="radio"/>

**7. The institute in which you work could best be described as**

- ☐ academic/degree granting
- ☐ privately funded research institute/non-degree granting
- ☐ government/public funded research institute/non-degree granting
- ☐ NGO
- ☐ corporate
- ☐ other

**8. The nature of your work is best described as being concerned with**

- ☐ physics of the climate system (modelling, model development, data acquisition, theory development, etc.)
- ☐ impacts of climate change (ecological, economic, social, etc.)
- ☐ climate change policy analysis
- ☐ climate change and health
- ☐ climate change communication

- ☐ science administration
- ☐ other

## The State of Climate Science

***In this section we would like to determine if there are areas in climate science that you perceive to be especially in need of increased research support and/or efforts.***

***'Climate change', unless otherwise specified, refers to recent, on going and possible future change (1850-2100) of climatic conditions, irrespective of cause.***

**9. How much do you think the direction of research in the climate change sciences has been influenced by external politics in the last 10 years?**

very much							not at all
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**10. To what degree do you think climate science has remained a value-neutral science?**

not at all							a great degree
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**11. Concerning the current state of climate science:**

	very inadequate				very adequate		
	1	2	3	4	5	6	7
Data availability for climate change analysis is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data collection efforts are currently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The state of theoretical understanding of climate change phenomena is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current theory development for climate change is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

***We would now like to ask you some questions about components of climate science. We realize that not all scientists work in all areas and that we list a number of distinct areas of expertise which might or might not reflect the main focus of your research. Nonetheless, we ask you to make a subjective appraisal based on your familiarity of the separate components of the***

***climate sciences.***

**12. How well do you think *atmospheric models* can deal with:**

	very inadequate				very adequate		
	1	2	3	4	5	6	7
hydrodynamics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
radiation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
vapor in the atmosphere	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the influence of clouds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
precipitation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
atmospheric convection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**13. How well do you think *ocean models* can deal with:**

	very inadequate				very adequate		
	1	2	3	4	5	6	7
hydrodynamics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
heat transport in the ocean	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
oceanic convection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**14. How adequate is the ability to couple atmospheric and ocean models?**

very inadequate						very adequate
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**15. The current state of scientific knowledge is developed well enough to allow for a reasonable assessment of the effects of:**

	strongly disagree				strongly agree		
	1	2	3	4	5	6	7
turbulence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
surface albedo	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
land surface processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sea ice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
green-house gases emitted from anthropogenic sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**16. How would you rate the ability of *global* climate models to:**

	very poor					very good	
	1	2	3	4	5	6	7
reproduce temperature observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reproduce precipitation observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model temperature values for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model temperature values for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model precipitation values for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model precipitation values for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model sea level rise for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model sea level rise for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model extreme events for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model extreme events for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**17. How would you rate the ability of *regional* climate models to:**

	very poor					very good	
	1	2	3	4	5	6	7
reproduce temperature observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reproduce precipitation observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model temperature values for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model temperature values for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model precipitation values for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model precipitation values for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model sea level rise for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model sea level rise for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model extreme events for the next 10 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
model extreme events for the next 50 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**18. How relevant is the study of paleoclimatology to the understanding of:**

	not at all				very much		
	1	2	3	4	5	6	7
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

climate sensitivity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
anthropogenic induced climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

19. How would you rate the ability of paleo models to reproduce:							
	very poor					very good	
	1	2	3	4	5	6	7
proxy temperature observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
proxy precipitation observations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Climate Change Impacts

*In this section we would like to ask some questions concerning the impacts of climate change.*

20. How convinced are you that climate change, whether natural or anthropogenic, is occurring now?							
not at all							very much
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. How convinced are you that most of recent or near future climate change is, or will be, a result of anthropogenic causes?							
not at all							very much
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22. How convinced are you that climate change poses a very serious and dangerous threat to humanity?							
not at all							very much
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

23. How much are we beginning to experience the more gradual impacts of climate change, anthropogenic or otherwise?							
not at all							very much
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**24. With how much certainty can we attribute recent climate related disasters to climate change?**

none						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**25. If we do not do anything towards adaptation or mitigation, the potential for catastrophe resulting from climate change for *the country in which you live* :**

	very low					very high	
	1	2	3	4	5	6	7
in the next 10 years is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
in the next 50 years is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**26. If we do not do anything towards adaptation or mitigation, the potential for catastrophe resulting from climate change for *other parts of the world* :**

	very low					very high	
	1	2	3	4	5	6	7
in the next 10 years is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
in the next 50 years is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**27. The potential that climate change might have some positive effects for**

	very low					very high	
	1	2	3	4	5	6	7
the country in which you live is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
other parts of the world is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**28. How much do you think the potential impact of global climate change is one of the leading problems**

	not at all					very much	
	1	2	3	4	5	6	7
for eco-systems (i.e. species extinction, land degradation, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
for humanity in terms of social and economic issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Adaptation and Mitigation

***In this section we would like to ask you about your perspective concerning aspects of adaptation and mitigation. The selection of the central value of 4 assigns equal weight to both choices.***

**29. The best approach to resolving the problems related to climate change is**

mitigation				adaptation		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**30. In making policy decisions about *adaptation* to climate change, priority should be given to**

opinions of industry and commerce				scientific expertise		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**31. In making policy decisions about *adaptation* to climate change, priority should be given to**

political opinion				scientific expertise		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**32. In making policy decisions about *adaptation* to climate change, priority should be give to**

public opinion				scientific expertise		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**33. In making policy decisions about *mitigation* to climate change, priority should be given to**

opinions of industry and commerce				scientific expertise		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**34. In making policy decisions about *mitigation* to climate change, priority**



should be given to

political opinion						scientific expertise
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**35. In making policy decisions about *mitigation* to climate change, priority should be given to**

public opinion						scientific expertise
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**36. The best approach to the mitigation of anthropogenic climate change would be based on**

voluntary actions						enforced regulations
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**37. Given our current state on knowledge, climate change is now mostly a**

political issue						scientific issue
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## The IPCC

*In this section we would like to ask your opinion concerning aspects of the IPCC.*

**38. The IPCC reports are of great use to the advancement of climate science.**

strongly disagree						strongly agree
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**39. The IPCC reports tend to under estimate, accurately reflect (a value of 4) or over estimate the magnitude of the impacts resulting from changes in:**

under estimate				over estimates		
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
precipitation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sea level rise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
extreme events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**40. The IPCC reports accurately reflect the consensus of scientific thought pertaining to**

	strongly disagree				strongly agree		
	1	2	3	4	5	6	7
temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
precipitation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sea level rise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
extreme events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**41. The IPCC reports tend to under estimate, accurately reflect (a value of 4) or over estimate the magnitude of future changes to:**

	under estimates				over estimates		
	1	2	3	4	5	6	7
temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
precipitation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sea level rise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
extreme events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**42. How much influence do you think the IPCC has over what areas come to be considered as worthy research topics?**

none at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**43. How satisfied are you with the process by which the IPCC Summary For Policy Makers reports are produced?**

not at all						very satisfied
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**44. How satisfied are you with the IPCC review process?**

not at all							very satisfied
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

### The Communication of Climate Science

*In this section we would like to ask you about the communication of the findings of climate science to the audience extending beyond climate scientists.*

Often in the interpretation of scientific knowledge by a non-scientific audience there is the potential for the misunderstanding of terms. This has been the case with the use of the terms projection and prediction. For the sake of clarification:

**45. A description of the most probable outcome best defines**

- ☐ a projection
- ☐ a prediction
- ☐ other

**46. A description of a possible outcome best defines a**

- ☐ projection
- ☐ prediction
- ☐ other

**47. From the output of *global* climate models, climate scientists are more inclined to make**

- ☐ projections
- ☐ predictions
- ☐ other

**48. From the output of *regional* climate models, climate scientists are more inclined to make**

- ☐ projections
- ☐ predictions
- ☐ other

**49. For you, in daily use, the term climate change would typically be understood as referring to**

- ☐ recent and future changes caused mostly by anthropogenic factors
- ☐ recent and future changes without reference to a specific cause
- ☐ changes in climate at any time for whatever reason
- ☐ other

**50. Approximately how often are you contacted by the *media* for information pertaining to climate change?**

- ☐ about once per week
- ☐ about once per month
- ☐ about once or twice every three months
- ☐ about once or twice per year
- ☐ less than once or twice per year
- ☐ never

**51. Approximately how often are you contacted by those people who make *policy* decisions for information pertaining to climate change?**

- ☐ about once per week
- ☐ about once per month
- ☐ about once or twice every three months
- ☐ about once or twice per year
- ☐ less than once or twice per year
- ☐ never

**52. Some scientists present extreme accounts of catastrophic impacts related to climate change in a popular format with the claim that it is their task to alert the public. How much do you agree with this practice?**

- |                       |                       |                       |                       |                       |                       |                       |              |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|
| not at<br>all         |                       |                       |                       |                       |                       |                       | very<br>much |
| 1                     | 2                     | 3                     | 4                     | 5                     | 6                     | 7                     |              |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |              |

**53. How much do you think climate scientists should be directly involved in alerting the general public to the possible *human* consequences arising from changes in the climate?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**54. How much do you think climate scientists should be directly involved in the provision of climate change information to the public about the impacts to the *natural world* by climate?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**55. Comments about climate change made by environmental activist groups are generally**

very inaccurate						very accurate
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**56. To what extent are those scientists claiming that climate change is a hoax the people most likely to be listened to by those involved in making *policy* decisions?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**57. To what extent are those scientists who present the extreme accounts of catastrophic impacts and worst case scenarios related to climate change the people most likely to be listened to by those people involved in *policy* making?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**58. To what extent are those scientists who present the extreme accounts of catastrophic impacts and worst case scenarios related to climate change the people most likely to be by *journalists*?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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**59. To what extent are those scientists claiming that climate change is a hoax the people most likely to be sought out by *journalist*?**

not at all						very much
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**60. Over the issue of climate change, the general public should be told to be**

unconcerned						very worried
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**61. Making discussions of climate science open to potentially everyone through the use of blogs on the w.w.w is**

a very bad idea						a very good idea
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**62. On blogs on the w.w.w., the quality of the scientific discussion of climate change is**

very poor						very good
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**63. In general, the quality of the material on blogs, in comparison to peer reviewed articles in journals, could be described as being mostly**

value oriented						value neutral
1	2	3	4	5	6	7
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**64. Over the years, the scientific quality of published peer reviewed papers in climate science has generally**

deteriorated							improved
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**65. In general, the current peer review process in climate journals could be described as**

value oriented							value neutral
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**66. In your opinion, in determining what currently gets accepted in peer reviewed climate science publications, what plays the most significant role in the selection procedure?**

- ☐ conclusions reached
- ☐ scientific rigor
- ☐ other

**67. There is a great need for immediate policy decisions for immediate action to mitigate climate change.**

strongly disagree							strongly agree
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**68. Concerning what science is in general, what would you say is its main activity?**

- ☐ to falsify existing hypothesis
- ☐ to verify existing conditions
- ☐ other

**69. Concerning science in general, the role of science tends towards**

- ☐ deligitimization of existing 'facts'
- ☐ legitimization of existing 'facts'
- ☐ other

**70. The opposite of science is**

- ☐ unquestioned prejudice
- ☐ unruly opinion
- ☐ other

**71. If you were to rate yourself in terms of being an environmental activist, where would you place yourself on the following scale?**

non-activist								very involved activist
1	2	3	4	5	6	7		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

**72. If you were to rate yourself in terms of being concerned about general environmental conditions, including climate change, *where you live*, where would you place yourself on the following scale?**

not very concerned								very concerned
1	2	3	4	5	6	7		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

**73. If you were to rate yourself in terms of being concerned about general *global* environmental conditions, including climate change, where would you place yourself on the following scale**

not very concerned								very concerned
1	2	3	4	5	6	7		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

**74. What people perceive to be the most pressing issue of the time is often shaped by current events. We would like to ask you what you think is the most pressing issue facing humanity today.**

**75. If you could ask the collective body of climate scientists one particular question, what would it be?**



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<b>76. General comments concerning the survey of climate scientists</b>
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