

October 12, 2017

To: Media list

Hello,

Dr. Ward is available for an interview or to write an article on this topic. Are you interested?

Thank you,

-Erin Klein

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Earth Science Week 2017

Interview Climate Scientist Dr. Peter Ward

Earth Science Week is October 8-14 and this year's theme is "Earth and Human Activity."



2017 has been an unending series of natural disasters.

Are volcanoes next on the list?

Several volcanoes are poised to erupt with huge implications on climate and people.

Peter L Ward, a long time government geophysicist, has spent ten years carefully reexamining the physics of global warming, and discovered, that greenhouse gases simply do not absorb enough heat to cause warming.

From global warming to global cooling, changes in volcanism explain climate change throughout Earth's history. Effusive volcanic eruptions that extrude basaltic lava over large areas are observed to cause sudden & rapid global warming, while large explosive volcanic eruptions are observed to show cooling incrementally over centuries.

Interview/Talking Points:

- Earth Science Week & answer any science related questions
- What role the volcano plays in climate change and what you can expect in the future
- New climate research on greenhouse gas emissions
- Need-to-know information about the weird weather & natural disasters



About Dr. Peter L Ward:

Dr. Ward worked 27 years with the United States Geological Survey as research geophysicist, branch chief, and program manager. He helped develop and manage a major national research program, chaired a committee at the White House, testified before Congress, worked on a committee for Vice President Gore, published more than 50 scientific papers, and won two national awards for explaining science to the general public. He retired in 1998, working intensely for the past decade trying to resolve several enigmatic observations related to climate change.

Ward's analysis and theory are explained in detail on his [website](#) and in his new book **"What Really Causes Global Warming? Greenhouse Gases or Ozone Depletion?"**

About Earth Science Week 2017

Since October 1998, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth. This year's Earth Science Week will be held from October 8-14, 2017 and will celebrate the theme "Earth and Human Activity." This year's event, the 20th annual Earth Science Week celebration, promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.

Earth Science Week 2017 learning resources and activities are engaging young people and others in exploring the relationship between human activity and the geosphere (earth), hydrosphere (water), atmosphere (air), and biosphere (life). This year's theme promotes public understanding and stewardship the planet, especially in terms of the ways people affect and are affected by these Earth systems. [Source.](#)

Contact:

Erin Klein, Publicist, ClimatePR,

October 12, 2017

To: Erin Klein

From: Megan Server

Hi Erin,

I'm interested in what Dr. Ward might want to write about for EARTH Magazine.

Any ideas?

Megan

October 12, 2017

To: Megan Server

From: Erin Klein

Hi Megan,

Dr. Ward would LOVE to write something for EARTH Magazine.

He is very familiar with AGI and way back in 1998 worked directly for Pat Leahy, AGI's former director; small world. Anyway, he wanted me to ask you about your readership. How much is high school, college, general public? What grade level do you aim for?

The most appropriate article he could write is about the very close relationship between two different type of volcanism and climate change throughout the geologic record. This would build on his talks he did at the Geological Society of America meeting and at the Geological Society of London over the past year.

Does this work? If so, do you have a word count or deadline?

Thanks again!

-Erin

October 12, 2017

To Erin Klein

From: Megan Server

Hi Erin,

Thanks for getting back to me so quickly. I'm glad to hear that Dr. Ward is interested. I think his article proposal sounds good.

Our readership is about half professional scientists (not just geoscientists though), and half "other," which includes a lot of general public readers, a number of college students, and some high schools and middle schools. Generally we aim to write for the college-educated member of the public, while keeping in mind that we have a lot of scientist readers. So, don't use jargon, but don't dumb it down either. Does that help?

I think his article sounds most like a feature, in which case he should aim for 2500-3000 words. We would also want to run about 6-10 photos with the piece. If that seems long to him, he could do a commentary for us, which would run 800-1300 words and would not use photos/figures. That would be more opinion-based, however. I'd think this would be best as a feature, myself, but I'm open to either.

I'm wide open on deadlines so whatever works for him works for me. If I had my druthers, I'd probably request a late November deadline, with a proposed publication in the spring. It usually takes about a month of editing before layout.

Let me know what works for him and we'll go from there.

Thanks!

Megan

November 27, 2017

To: Megan Server

From: Erin Klein

Hi Megan,

I have attached Dr. Ward's article here. Please let me know if you would like him to make any changes. He is going to email you the images that are in the document separately.

Thanks again for this opportunity and we can't wait to see it published in Spring!

-Erin

November 27, 2017
To Erin Klein
From: Megan Server

Thanks Erin.
Do you want me to go through you for edits or shall I go directly through Dr. Ward?
Thanks,
Megan

November 28, 2017
To: Megan Server
From: Erin Klein
You can email Dr. Ward directly with edits. Thanks!

November 27, 2017
To: Megan Server
From: Peter Ward
Megan,
14 Figures follow in several emails
Peter

November 27, 2017
To: Peter Ward
From: Megan Server
Thanks Peter! I received all 14 images, and the text via Erin Klein this morning. Shall I go directly through you for editing to the story? I plan to edit it early in the new year to run in April or May (we work a couple of months ahead).
Thanks!
Megan

November 27, 2017
To: Megan Server
From: Peter Ward
Megan,
Yes, deal directly with me. I will be on the road and at meetings Dec 30 through Jan 12 but can respond by email or cell phone.
Peter

November 27, 2017

To: Peter Ward

From: Megan Server

Hi Peter,

I highly doubt I'd be getting back to you before January 12, so no worries. It should be around that time though.

Happy holidays!

Megan

March 9, 2018

To: Megan Server

From: Erin Klein

Hi Megan,

It's been a while since we spoke, but I am emailing on behalf of Dr. Peter Ward who submitted an article and was under the impression it would be included in the April issue of the magazine. We noticed it is not included so we were wondering if it did not get approved to go in this issue, please let me know.

(Just to refresh, he wrote about the close relationship between two different type of volcanism and climate change throughout the geologic record.)

Thank you!

Erin Klein

March 9, 2018

To: Erin Klein, Peter Ward

From: Megan Server

Cc: Sara Pratt, Tim Oleson

I'm sorry for the delay and the radio silence. Peter's feature is next on my pile to edit, and should be running in our June issue – the next issue up. Either I or my colleagues Tim Oleson or Sara Pratt will be in touch with edits in the next week or two (cc'd here). I mention Sara and Tim because I'm going out on maternity leave starting the middle of next week. I'm hoping to get the piece edited before I leave, but if I don't have time, you'll be in good hands with them.

Thanks for your patience!

Megan

March 12, 2018

From: Erin Klein
To: Megan Server
Cc: Peter Ward, Sara Pratt, Tim Oleson
Okay great, thank you so much for the update and congratulations!

March 13, 2018
To: Peter Ward
From: Megan Server
Hi Peter,

I have finished my initial round of edits on your piece on volcanoes and climate change for EARTH. Thank you so much for writing it for us! You present a really nice history of the science of this topic. I really enjoyed reading it and I think our readers will too.

I have attached two versions of the story for you. The first, `_kms`, shows my tracked changes. I warn you though, it's really messy because I moved around a lot of paragraphs. So the edits look worse than they are. I am attaching it though so you can see just what I did, as well as some of the parts I cut and the reasons why (I noted the reasons why in comments). Please work off the `_kms_clean` version. It has all of my line-item edits incorporated (including the text moves) and just includes a few remaining questions/clarifications for you. There's one part toward the end I was particularly confused about – the Boller/Preboreal time frame and findings. One editorial note: “TK” means “to be filled in and “CK” means “please double check.”

Please read through this carefully, make any edits you'd like to make, fill in the answers to the pieces I asked about and get this back to us by Friday or sooner if possible. The next steps will be that my colleague Tim Oleson will work with you on the next round of edits, send it out to the rest of our colleagues for copyediting, send it back to you with any final questions and work it through to layout. You'll see it at every step along the way.

I'll still be in and out this week and can answer any questions for you about my edits. But otherwise, I'm going to hand this off to Tim. That said, please do look this over as quickly as you can so if you do have any questions, I can answer them before I'm fully out on leave next week.

Thanks so much for writing this. I look forward to seeing the finished product!
All the best,

Megan

March 13, 2018

To: Peter Ward

From: Megan Server

Hi Peter,

I just had a quick question about the art you sent us for your story. Is it all your original work and thus we can use it or edit it as needs be (with your permission of course)? If so, we'll probably get you in touch with our illustrator (named Kat Cantner) so she can help get into the best format for us to use and to adhere to our style. Let us know.

Thanks!

Megan

March 16, 2018

To: Megan Server

From: Peter Ward

Megan,

That was certainly a thorough edit with many good ideas. You kept me very busy this week. I have worked very carefully through all your comments and answered many directly as comments in your final version attached. I have also answered them by relevant changes in the text. I think the result is much tighter.

In your comments you claimed to move the part on Large Igneous Provinces forward, but it was omitted all together. Some of the clearest evidence for basalt-caused warming is from these LIPs and they provide a clear explanation for why the geologic time scale seems to be punctuated by the LIPs. I have restored this section and tried to make its importance clearer.

You also said the section on ozone depletion "really didn't have anything to do with volcanism or the story in general." The purpose of this section is to explain how volcanoes actually cause the warming. The whole article is about the observation that volcanoes do cause warming. The issue then is how. I tried to make this clearer in the text and I shortened it a bit.

I added a very short section right after the introduction to "bring in the readers who aren't super familiar with geologic history" as you suggest and added a Figure,

enclosed. I also added Younger Dryas to the appropriate Figure 3 to clear up your confusion.

I hope you like the way the articles hangs together now.

All the plots are mine and I would love to work with your graphic artist to make them more enticing. The photographs are from public domain on the web except the picture of the people watching Bardarbunga erupt, which I have licensed from Corbis as a book cover and thus this should cover your publication, but we can check that out.

Warmest wishes on your new adventure. Raising four children was the most important thing I have done in my life

(<https://www.youtube.com/watch?v=62aq1IXaLtQ&feature=youtu.be>).

Sincerely,

Peter

March 16, 2018

To: Peter Ward

From: Megan Server

Thanks Peter! I forgot to add back in the LIP section! Sorry about that and good catch.

I look forward to reading the next version.

Best,

Megan

April 3, 2018

To: Tim Oleson and Sara Pratt

From Peter Ward

Tim,

It's been a couple of weeks. Just wondering if my article is still on track?

Peter

April 13, 2018

To: Peter Ward

From: Sara Pratt

Dear Dr. Ward,

After some further discussion among the editors about how to proceed with editing your article, we have decided to put it on hold, possibly until after the Editor returns from leave.

My apologies for the delay and thank you so much for your patience.

Sincerely,
Sara Pratt

April 13, 2018
To: Sara Pratt
From: Peter Ward
Sara,

If you are concerned about the science I am explaining, I suggest you talk to Pat Leahy, who knows my work well.

Sincerely,
Peter

September 6, 2018
To: Sara Pratt
From: Peter Ward
Sara,

What is happening regarding this article? I am featuring this scientific message at the Geological Society of America in early November. I also have exhibit booths in the exhibit halls at GSA, AGU, AMS, and AAPG where I can promote this article and Earth Magazine.

Peter

September 10, 2018
To: Peter Ward
From: Megan Server

Hi Peter,

Sara forwarded me your query about your article, which my colleagues were working on while I was out on extended leave. Thank you for checking in, and thanks again for working on it for us. Unfortunately, some things have changed within our editorial calendar and planning since you submitted the article, and unfortunately, it just isn't going to work for us. We're going in a bit of a new

direction and the article just isn't going to fit. I'm sorry. You're of course welcome to send it elsewhere for publication.

Please feel free to contact me if you have any questions or if I can do anything else.

Thanks so much.
All the best,

Megan