



**Re: DEEPOIL: Response to Marcia's request for names of scientists with expertise on dispersants**

**Roger N. Clark** to: Marjorie S Davenport  
Cc: GS Oil Spill Team

05/12/2010 10:57 AM

The AVIRIS team could potentially map the location, and changing chemistry of dispersants and the interaction with oil. To do so we need samples that cover the conditions people would like us to map. This can be done for the dispersants at sea as well as after they hit land.

AVIRIS has now flown 3 missions May 6, 10 and 11. They are not flying today due to clouds (there is a lot of cirrus too).

We are also still in need of oil samples at sea as well as oil that has washed up on shore, including crude and emulsions. Even a pint jar would be great.

Roger Clark

Marjorie S Davenport wrote:

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> ----- Forwarded by Marjorie S Davenport/WRD/USGS/DOI on 05/12/2010 09:55 AM  
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>  
> From: Marjorie S Davenport/WRD/USGS/DOI  
>  
> To: Marcia K McNutt/DO/USGS/DOI@USGS  
>  
> Cc: "Sonya Jones" <sajones@usgs.gov>, msdavenp@usgs.gov, Judy J  
> Nowakowski/DO/USGS/DOI@USGS, Joanne C Taylor/DO/USGS/DOI@USGS,  
Hazard Response  
> Executive Committee  
>  
> Date: 05/11/2010 11:54 AM  
>  
> Subject: DEEPOIL: Per your request last evening for expertise on  
dispersants  
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> Marcia,  
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> After speaking with Sonya Jones, Lead for the USGS Oil Spill Response  
> Science Team, we would like to suggest three scientists whose experience  
> would be complementary. They are:  
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> 1. Frank Chapelle, Lead of the SC WSC Microbial Studies Section, is an  
> ST-scientist with a background in groundwater geochemistry and subsurface  
> microbiology, including tracing and predicting degradation products.

> Frank's expertise would be valuable in understanding and documenting the  
> degradation of the dispersants. (chappelle@usgs.gov, 803-750-6116)  
>  
> 2. Mike Hooper, Leader, Restoration Ecology, Columbia Environmental  
> Research Center (CERC). Mike is the head of the CERC team that provides  
> scientific review of proposals for merit in addressing DOI NRDAR issues,  
> participates on the DOI NRDAR technical work group as a science technical  
> representative, and addresses issues associated with the Contaminants  
> Program element. (mhooper@usgs.gov, 573-441-2956)  
>  
> 3. Bob Rosenbauer, Geologist with the Menlo Park Coastal and Marine Geology  
> Center, has vast expertise in organic, environmental, and experimental  
> geochemistry, and would have the capability to look at degradation of the  
> oil pre- and post-landfall. (rosenbauer@usgs.gov, 650-329-4198)  
>  
> In addition, we received the following names as alternatives:  
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> Tom Lorenson, Geologist, Coastal and Marine Geology Center, Menlo Park, CO  
> Keith Kvenvolden, emeritus Organic Chemist, Coastal and Marine Geology  
> Center, Menlo Park, CO  
> Carl Orazio, Assistant Center Director, Columbia Environmental Research  
> Center, Columbia, MO  
> Peter Albers, emeritus Research Wildlife Biologist, Patuxant Wildlife  
> Research Center, Beltsville, MD  
> Barnett Rattner, Ecotoxicologist, Patuxant Wildlife Research Center,  
> Beltsville, MD  
> Jeff McCoy, Chief of the (chemical) Methods R/D group at the National Water  
> Quality Lab, Denver, CO  
> Collin Eagles-Smith, Supervisory research Ecologist, Forest and Rangeland  
> Ecosystem Science Center, Corvallis,, OR  
> Mike Lewan, Organic Chemist, Central Energy Resources Science Center,  
> Denver, CO  
>  
> Let me or Sonya Jones (sajones@usgs.gov, 770-409-7703) know if there is  
> any additional information that you need.  
>  
> Marge  
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> Marge Davenport  
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