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| **List Of 2017 Reports**

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| **ID#** | **Title, First Author, and Category** | **Status** |
| [**7**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=7) |  **Title:** Reactivity of Triplet Excited States of Dissolved Organic Matter in Stormflow from Mixed-Use Watersheds **First Author:** McCabe, A.J., University of Minnesota, Civil, Environmental and Geo-Engineering, mccab117@d.umn.edu **PI:** Arnold, W.A., University of Minnesota, Civil, Environmental and Ge-Engineering, arnol032@umn.edu **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Environ. Sci. Technol. 51, 9718-9728, 2017 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**8**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=8) |  **Title:** Climate driven carbon and microbial signatures through the last ice age **First Author:** D'Andrilli, JD, Montana State University, juliana@montana.edu **PI:** D'Andrilli, JD, Montana State University, juliana@montana.edu **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Geochemical Perspectives Letters 4, 29-34 **Sign. Achievement:** **Yes** **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**134**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=134) |  **Title:** Adsorptive Fractionation of Dissolved Organic Matter (DOM) by Mineral Soil: Macroscale Approach and Molecular Insight  **First Author:** Avneri-Katz, S., The Hebrew University, Shani.Avneri@mail.huji.ac.il **PI:** Chefetz, B., The Hebrew University, benny.chefetz@mail.huji.ac.il **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Organic Geochemistry 103, 113-124 (2017) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**135**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=135) |  **Title:** Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Athabasca Oil Sand Process-Affected Waters Incubated in the Presence of Wetland Plants **First Author:** Ajaero, C, University of Regina, Environmental Systems Engineering, chukwuemeka.ajaero@canada.ca **PI:** Headley, J.V., Environment and Climate Change Canada, John.Headley@canada.ca **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Energy & Fuels 31, 1731−1740 (2017) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**138**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=138) |  **Title:** Impact of Photooxidation and Biodegradation on the Fate of Oil Spilled During the Deepwater Horizon Incident: Advanced Stages of Weathering **First Author:** Harrimann, B.H., University of Oklahoma, Microbio. and Plant Bio, Brian.H.Harriman-1@ou.edu **PI:** Suflita, J.M., University of Oklahoma, Microbio. and Plant Bio, jsuflita@ou.edu **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Environ. Sci. Technol. Environ. Sci. Technol., 51, 7412-7421 (2017) **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** None | Approved |
| [**139**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=139) |  **Title:** Molecular Composition and Bioavailability of Dissolved Organic Nitrogen in a Lake Flow-Influenced River in South Florida, USA **First Author:** Pisani, O., Florida International University, opisani@fiu.edu **PI:** Pisani, O., Florida International University, opisani@fiu.edu **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Aquatic Sciences Aquatic Sciences, 79, 891-908 (2017). **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**170**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=170) |  **Title:** Identification and Quantification of Organic Phosphorus Forms in the Soils of the Everglades Stormwater Treatment Areas (STAs)  **First Author:** Vardanyan, Lilit, Post doctoral research associate, Soil and Water Sciences, University of Florida, lilitvardanyan@ufl.edu **PI:** Vardanyan, Lilit, Post doctoral research associate, Soil and Water Sciences, University of Florida, lilitvardanyan@ufl.edu **Category:** Chemistry - Environmental **Facility:** AMRIS Facility at UF **Highest Measured Field:** 3 T **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**270**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=270) |  **Title:** Molecular and spectroscopic characterization of water extractable organic matter from thermally altered soils reveal insight into disinfection byproduct precursors **First Author:** Cawley, K.M., Colorado University Boulder, kaelin.cawley@colorado.edu **PI:** Rosario-Ortiz, F.L., Colorado University Boulder, fernando.rosario@colorado.edu **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Environ. Sci. Technol. Environmental Science and Technology, 51, 771-779 (2017) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None | Approved |
| [**365**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=365) |  **Title:** Advanced Chemical Characterization of Pyrolysis Bio-Oils from Landfill Waste, Recycled Plastics, and Pine Forest Residue **First Author:** Ware, R.L., NHMFL, ICR, rbeasley@magnet.fsu.edu **PI:** Fleming, H, HK Petroleum, heath@hkpetroleum.com **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Energy & Fuels 31/8210-8216 **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** None | Approved |
| [**366**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=366) |  **Title:** Organic Coating on Biochar Explains Its Nutrient Retention and Stimulation of Soil Fertility  **First Author:** Hagemann, N, University of Tuebingen, nikolas.hagemann@uni-tuebingen.de **PI:** Kappler, A., University of Tuebingen, andreas.kappler@uni-tuebingen.de **Category:** Chemistry - Environmental **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No    **VSP:** No   **Published in** Nature Comm. Nature Commun., 8(1089), 1-11 (2017). **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** None | Approved |
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