

STEPHEN P. GOOD

ASSISTANT PROFESSOR, DEPARTMENT OF BIOLOGICAL & ECOLOGICAL ENGINEERING,
200 GILMORE HALL, OREGON STATE UNIVERSITY, CORVALLIS, OR 97331

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- EDUCATION**
- 2013: *Ph.D.* Civil and Environmental Engineering, **Princeton University**
 2008: *M.S.* Civil Engineering, **Michigan Technological University**
 2004: *B.S.* Mechanical Engineering, **Carnegie Mellon University**
- POSITIONS HELD**
- 2015-Present: *Assistant Professor*
 Department of Biological & Ecological Engineering, **Oregon State University**
 2013-2015: *Postdoctoral Fellow* and *Assistant Research Professor* (2015)
 Department of Geology and Geophysics, **University of Utah**
 2008-2013: *Graduate Research Associate*, advised by Kelly Caylor
 Department of Civil and Environmental Engineering, **Princeton University**
 2005-2007: *Water and Sanitation Engineer*
 United States Peace Corps, **Dominican Republic**
- GRANTS AND CONTRACT SUPPORT**
6. **Good, S.P.** (2017) "Global Assessment of Plant Water Use Strategies Using Remote Sensing of Soil Moisture", *NSF - Extreme Science and Engineering Discovery Environment (XSEDE)*, 255,500 SU's and 1TB (DEB160018), equivalent value of \$8,813.50.
 5. **Good, S.P.**, and Still, C. J. (2016-2019) "Global Assessment of Plant Water Use Strategies Using Remote Sensing of Soil Moisture" *NASA* \$293,974 (NNX16AN13G)
 4. **Good, S.P.** (2016-2018) "Assessment of Crop Water Use Through Stable Isotope Analysis" *Agricultural Research Foundation*, \$12,427 (ARF#8517A)
 3. **Good, S.P.** and Bowen, G.B (2014-2015) "Microclimate and the hydrologic fate of soil moisture in the Colorado River plateau" *Rio Mesa Center - University of Utah*, \$2,500
 2. **Good, S.P.** (2006) "Grant for rural water system development" *Ordenador Nacional para los Fondos Europeos de Desarrollo (ONFED) - European Union*, \$31,900
 1. **Good, S.P.** (2006-2007) "Small Projects Assistance grant" *United State Agency for International Development (USAID)*, \$3,000
- AWARDS AND FELLOWSHIPS**
- 2011: Graduate Student Early Career Award
IsoMAP project for Isoscapes 2011 meeting
 2011: Young Investigator Award
BASIN Conference on the Roles of Stable Isotopes in Water Cycle Research
 2008: Gordon Y. S. Wu Graduate Fellowship In Engineering
Princeton University
 2005: Great Lakes Summer Research Fellow
NOAA Great Lakes Environmental Research Laboratory
- PEER REVIEWED PUBLICATIONS**
- 2017
22. Esquivel-Hernandez, G., Sanchez-Murillo, R., Birkel, C., **Good, S.P.**, Boll, J. (2017) "Hydro-Climate and Ecohydrological Resistance/Resilience Conditions Across Tropical Biomes of Costa Rica" *Ecohydrology*. DOI:10.1002/eco.1860
 21. Manfreda, S., Caylor, K.K., **Good, S.P.** (2017) "An Ecohydrological Framework to Explain Shifts in Vegetation Organization Across Climatological Gradients" *Ecohydrology*. Vol 10, e1809. DOI:10.1002/eco.1809
- 2016
20. Miralles, D.G., Nieto, R., McDowell, N.G., Dorigo, W.A., Verhoest, N.E.C., Liu, Y.Y., Teuling, A.J., Dolman, A.J., **Good, S.P.**, and Gimeno, L., (2016) "Contribution of water-limited ecoregions to their own supply of rainfall" *Environmental Research Letters*. Vol 11, No 124007, p 1-12. DOI:10.1088/1748-9326/11/12/124007

19. Jameel, Y., Brewer, S., **Good, S.P.**, Tipple, B.J., Ehleringer, J.R., and Bowen, G.J. (2016) “Tap water isotope ratios reflect urban water system structure and dynamics across a semi-arid metropolitan area” *Water Resources Research*. Vol 52, p 5891 - 5910.
DOI:10.1002/2016WR019104
 18. **Good, S.P.**, Guan, K., Caylor, K.K. (2016) “Global patterns of the contributions of storm frequency, intensity, and seasonality to inter-annual variability of precipitation” *Journal of Climate*. Vol 29, p 3 – 15. DOI:10.1175/JCLI-D-14-00653.1
- 2015
17. **Good, S.P.**, Noone, D., Bowen, G. J. (2015) “Hydrologic connectivity constrains partitioning of global terrestrial water fluxes” *Science*. Vol 349, p 175 – 177.
DOI:10.1126/science.aaa5931
 16. **Good, S.P.**, Noone, D., Kurita, N., Benetti, M., and Bowen, G. J. (2015) “D/H Isotope Ratios In the Global Hydrologic Cycle” *Geophysical Research Letters*. 42, p 5042 – 5050,
DOI:10.1002/2015GL064117
 15. Gorski, G., Strong, C., **Good, S.P.**, Bares, R., Ehleringer, J.R., Bowen, G.J. (2015) “Vapor hydrogen and oxygen isotopes reflect water of combustion in the urban atmosphere” *Proceedings of the National Academy of Sciences*. Vol 112-11, p 3247 – 3252.
DOI:10.1073/pnas.1424728112
 14. Bowen, G.J., **Good, S.P.**, (2015) “Incorporating water isoscapes in hydrological and water resource investigations” *Wiley Interdisciplinary Reviews: Water*. Vol 2, p 107–119.
DOI:10.1002/wat2.1069
- 2014
13. **Good, S.P.**, Kennedy, K. D., Stalker, J. C., Chesson, L. A., Valenzuela, L. O., Beasley, M. M., Ehleringer, J. R., Bowen, G. J. (2014) “Patterns of local and non-local water resource use across the western United States determined via stable isotope inter-comparisons,” *Water Resources Research*. Vol 50-10, p 8034–8049. DOI:10.1002/2014WR015884
 12. Wang, L., **Good, S.P.**, Caylor, K.K. (2014) “Global synthesis of vegetation control on evapotranspiration partitioning,” *Geophysical Research Letters* Vol 41-19, p 6753–6757.
DOI:10.1002/2014GL061439
 11. Guan, K., **Good, S.P.**, Caylor, K. K., Sato, H., Wood, E. and Li, H. (2014) “Continental-scale impacts of intra-seasonal rainfall variability on simulated ecosystem responses in Africa,” *Biogeosciences*, 11, p 6939-6954. DOI:10.5194/bg-11-6939-2014
 10. **Good, S. P.**, Mallia, D. V., Lin, J.C., Bowen, G. J. (2014) “Spatiotemporal variations of precipitation isotopes during superstorm sandy: combining crowdsourced sampling and stochastic Lagrangian atmospheric modeling” *PLoS ONE*. Vol 9-3, e91117.
DOI:10.1371/journal.pone.0091117
 9. **Good, S.P.**, Soderberg, K., Guan, K., King, E. G., Scanlon, T., Caylor, K.K. (2014) “ $\delta^2\text{H}$ Isotopic flux partitioning of evapotranspiration over a grass field following a water pulse and subsequent dry down,” *Water Resources Research*, Vol 50-1, p1410–1432.
DOI:10.1002/2013WR014333
- 2013
8. **Good, S. P.**, Rodriguez-Iturbe, I. R., Caylor, K., (2013) “Analytical expressions of variability in ecosystem structure and function obtained from three dimensional stochastic vegetation modeling,” *Proceedings of the Royal Society, A*. Vol 469-20130003.
DOI:10.1098/rspa.2013.0003.
 7. Wang, L., Niu, S. **Good, S. P.**, Soderberg, K., Zhou, X., Xia, J., Sherry, B., Lou, Y., Caylor, K., McCabe, M. (2013) “The effect of warming on grassland evapotranspiration partition using laser-based isotope monitoring techniques,” *Geochimica et Cosmochimica Acta*. Vol 111, p 28–38. DOI:10.1016/j.gca.2012.12.047.
 6. Soderberg, K., **Good, S.P.**, O’Conner, M., Wang, L., Ryan, K., Caylor, K.K. (2013) “Using air parcel trajectories to model the isotopic composition of rainfall in central Kenya,” *Ecosphere*. Vol 4, art33. DOI:10.1890/ES12-00160.1
- 2012
5. Soderberg, K, **Good, S.P.**, Wang, L, Caylor, K.K. (2012) “Stable isotopes of water vapor in the vadose zone: A review of measurement and modeling techniques,” *Vadose Zone Journal*. Vol 11-3. DOI:10.2136/vzj2011.0165

4. **Good, S.P.**, Soderberg, K., Wang, L., Caylor, K.K. (2012) "Uncertainties in the assessment of the isotopic ratios in surface fluxes: A direct comparison of techniques using laser-based water vapor isotope analyzers," *Journal of Geophysical Research*. Vol 117-D15301. DOI:10.1029/2011JD017168
3. Wang, L., **Good, S.P.**, Caylor, K.K., Cernusak, L.A. (2012) "Direct quantification of leaf transpiration isotopic composition," *Agricultural and Forest Meteorology*. Vol154-155, p 127–135. DOI:10.1016/j.agrformet.2011.10.018

2011

2. **Good, S.P.**, Caylor, K.K. (2011) "Climatological determinants of woody cover in Africa," *Proceedings of the National Academy of Sciences*. Vol 8-12, p 4902–4907. DOI:10.1073/pnas.1013100108

2010

1. Wang, L., Zou, C., O'Donnell, F., **Good, S.P.**, Franz, T., Miller, G.R., Caylor, K.K., Cable, J.M., Bond, B. (2010) "Characterizing ecohydrological and biogeochemical connectivity across multiple scales: a new conceptual framework," *Ecohydrology*. Vol 5-2, p221-233. DOI:10.1002/eco.187

BOOK
CHAPTERS
& OTHER
CONTRIBUTIONS

5. **Good, S.P.**, Mallia, D.V., Denis, E.H., Freeman, K.H., Feng, X., Li, S., Zegre, N., Lin, J.C., Bowen, G.J. (2014) "High frequency trends in the isotopic composition of superstorm Sandy." In: *Learning from the Impacts of Superstorm Sandy*. Edited by Bennington, B. and Farmer, E.C. ISBN-9780128015209 Elseiver, Boston USA
DOI:10.1016/B978-0-12-801520-9.00004-3
4. **Good, S.P.** and Bowen, G. J. (2014) "Crowd-sourced isotope study of Superstorm Sandy" *Piccarro Blog*. September 15th, 2014.
<http://www.picarro.com/community/blog>.
3. Soderberg, K., **Good, S.P.**, Guan, K, and King, E.G. (2011) "Ecohydrology: also known as growing grass," In: *Mpala Memos*, April Issue, Mpala Research Centre and Wildlife Foundation, Laikipia Kenya. April 2011 Issue.
http://www.mpala.org/Get_our_Newsletter.php
2. Mihelcic, J.R., Fry, L.M., Myre, E.A., Phillips, L.D., and Barkdoll B.D. (2009) "Field Guide to Environmental Engineering for Development Workers." *Chapter 11: Gravity-Fed Water Supply Systems*, contributing authors: Niskanen, M.A., Reents, N., Simpson J.D., and **Good, S.P.** ISBN-978-0-7844-0985-5, ASCE Press. Reston, VA.
DOI:10.1061/9780784409855.ch11
1. Marszalek, M., Snauffer, A., **Good, S.P.**, Hein, G., Monte, A. (2005) "Mentors Improve the College Experience of Engineering Undergraduates." *Proceedings of the 35th ASEE/IEEE Frontiers in Education Conference*. ISBN-0-7803-9077-6, IEEE Press.
DOI:10.1109/FIE.2005.1612063

TEACHING
EXPERIENCE

Physical Hydrology, BEE 512 - 3 Credits, **Oregon State University**
Fall 2016 (22 enrolled)
Ecohydrology, BEE 313 - 4 Credits, **Oregon State University**
Spring 2016 (25 enrolled), Spring 2017 (26 enrolled)

MENTORING
AND
TRAINING

Graduate Students Advised:
Carl Talsma, **MS - Water Resource Engineering**, 2018 (*expected*)
Firas M. Al-Oqaili, **PhD - Water Resources Science**, 2019 (*expected*)
Lisabeth Nicole Arellano, **MS - Water Resources Science**, 2018 (*expected*)
Dawn Urycki, **MS - Water Resources Engineering**, 2018 (*expected*)
Undergraduate Students Advised:
Costanza Fantoni, **BS - Environmental Science & Chemistry**, 2019 (*expected*)

INVITED
SEMINARS

Integrated Carbon-Water Biogeochemical Synthesis Conference, **Skamania Lodge, WA** (2017)
Crop and Soil Science, **Oregon State University** (2016)

Water Resources Graduate Program, **Oregon State University** (2016)
Corvallis Climate Change Research Community, **Oregon State University** (2015)
Department of Civil Engineering, **Purdue University** (2015)
Department of Geology and Meteorology, **Iowa State University** (2015)
Department of Natural Resources & Env. Sci., **U. of Illinois, Urbana-Champaign** (2015)
School of Earth Sciences & Eng. Sustainability, **Northern Arizona University** (2014)
Biological & Ecological Engineering Department, **Oregon State University** (2014)
Department of Natural Resources & Env. Science, **University of Nevada, Reno** (2014)
Institute For Data Sciences, **University of Rochester** (2014)
Department of Geology & Geophysics, **University of Utah** (2014)

ACADEMIC
AND
COMMUNITY
SERVICE

Synergistic Activities

2017: Organizing Committee: Integrated Carbon-Water Ecological & Biogeochemical Synthesis (ICWEBS) Conference, **National Science Foundation & National Ecological Observation Network**. ~50 attendees, 26/02/17-01/03/17, Stevenson, WA
2016: Engineers Without Borders faculty mentor, **Oregon State University**. Project implementation trip, 5 students, 08/21/16 - 09/04/16, Los Potrerios, Nicaragua
2015: Session co-chair, **AGU Fall Meeting**. ~60 attendees, 12/15/15, San Fransisco, CA
2015: Outreach presentation, **Oregon Farm Fair**. ~25 attendees, 11/03/15, Hermistion OR.
2013: Session co-chair, **AGU Fall Meeting**. ~50 attendees, 12/12/13, San Fransisco, CA
2009-2013: Volunteer, **Delaware & Raritan Greenway Land Trust**
2011: Scientific presenter, **Science and Engineering Expo**.
A central New Jersey science fair for high school students
2008: Graduate advisor, **Engineers Without Borders**, Princeton University chapter
2005: Successfully completed the **Fundamentals of Engineering** (FE) examination
2004: Mentor to undergraduate minority students **Michigan Technological University Graduate-Undergraduate Initiative for Development and Enhancement** (GUIDE) program

Society Memberships (Current and Past):

AGU: American Geophysical Union (2009 - Present)
EWB: Engineers Without Borders (2008 - Present)
ASABE: American Society of Agricultural And Biological Engineers (2017 - Present)
IAG: International Association of Geochemistry (2011 - 2013)

Academic peer-reviews (Year×Count):

Advances In Water Resources (2015, 2017)
Agricultural and Forest Meteorology (2015, 2016)
Atmospheric Measurement Techniques (2014)
Biogeosciences (2015)
Climate Dynamics (2015)
Ecohydrology (2013)
Geophysical Research Letters (2015, 2016, 2017)
Global Ecology and Biogeography (2014, 2015)
Hydrology & Earth System Science (2012, 2014×2, 2015×2, 2016)
Hydrological Processes (2015, 2016)
ISPRS Journal of Photogrammetry and Remote Sensing (2014)
Journal of Geophysical Research (2012×2, 2013×3, 2014, 2015×2, 2016)
Journal of Hydrology (2013, 2015, 2016)
Journal of Hydrometeorology (2015, 2016)
Mountain Research And Development (2017)
Nature Geoscience (2015)
National Science Foundation (2015×2, 2016×2)
PLoS One (2014)
Proceedings of the National Academy of Sciences (2017)
Rapid Communications in Mass Spectrometry (2014, 2016)

Science Advances (2015, 2017)
United States Environmental Protection Agency (2016)
United States Geologic Survey (2017)
Vadose Zone Journal (2015)
Water Resources Research (2015×2)

MEDIA
 COVERAGE

“Isotopes from the Tap Reveal Urban Water System Dynamics” **EOS Magazine** by S. Stanely
 DOI:10.1029/2016EO059879 (Vol. 97) Published on 27 September 2016
 “These Gorgeous Water Maps Are Helping Identify Fake Scotch and Murder Victims”
Nautil.us by Julia Rosen, <http://nautil.us/blog/these-gorgeous-water-maps-are-helping-identify-fake-scotch-and-murder-victims>
 “Water, bound and mobile” **Science Magazine** by J. Renée Brooks
 DOI:10.1126/science.aac4742 (Vol. 349 no. 6244, p 138-139)
 “Water in smog may reveal pollution sources,” **Phys.org**
<http://phys.org/news/2015-03-smog-reveal-pollution-sources.html>
 “Hurricane Sandy’s Rainfall Decoded Via CrowdSourcing,” **LiveScience.com**
<http://www.livescience.com/44028-hurricane-sandy-rainfall-study-crowdsourced.html>

LANGUAGE
 PROFICIENCY

Spoken: Advanced Spanish, basic French comprehension, and a bit of Swahili.
Computational: Python, Matlab, R, C++, Fortran, Java, Perl, and L^AT_EX

CONFERENCE
 AND
 WORKSHOP
 PRESENTATIONS

Oral Presentations (*denotes student advised by S.P. Good)

21. Miralles, D.G., Nieto, R., McDowell, N.G., Dorigo, W.A., Verhoest, N.E.C., Liu, Y.Y., Teuling, A.J., Dolman, A.J., **Good, S.P.**, and Gimeno, L., (2016) “Contribution of water-limited ecoregions to their own supply of rainfall” *EGU General Assembly 2017*. EGU2017-4636. Vienna, Austria. 23-28 April.
20. Aloqaili, F.*, Frost, K., and **Good, S.P.** (2017) “Estimation of Evaporation from Two Potato Fields with Contrasting Irrigation Schedules Using State Isotope Tracers” *Pacific Northwest Water Research Symposium*. Corvallis, Oregon. 6-7 March.
19. Bassiouni, M., and **Good, S.P.** (2017) “Inverse Modeling to Estimate Plant Hydraulic Strategies from Remotely-Sensed Soil Moisture” *Pacific Northwest Water Research Symposium*. Corvallis, Oregon. 6-7 March.
18. Selker, J., Roques, C., Higgins, C., **Good, S.P.**, Hut R., Selker, A., (2015) “A new chapter in environmental sensing: The Open-Source Published Environmental Sensing (OPENS) laboratory (Invited),” *AGU Fall Meeting 2015*, H51R-04. San Fransisco, California. 14-18 Dec.
17. **Good, S.P.**, Noone, D., Kurita, K., Benetti, M., Bowen, G. (2015) “D/H isotope ratios in the global hydrologic cycle constrain the partitioning of global terrestrial water fluxes (Invited),” *AGU Fall Meeting 2015*, B54A-06. San Fransisco, California. 14-18 Dec.
16. **Good, S.P.**, Wang, L., Caylor, K. (2015) “Global optimum vegetation rain water use is determined by aridity,” *AGU Fall Meeting 2015*, H12B-05. San Fransisco, California. 14-18 Dec.
15. Bowen, G.J., Putman, A., Vander Zanden, H. **Good, S.P.**, Liu, Z., Terzer, S. Zhao, L., West, J. (2015) “Leveraging GNIP and investigator research to map isotopic climate: two decades of precipitation Isoscapes”, *International symposium on isotope Hydrology IAEA-CN-225-194*. Vienna, Austria. 11-15 May.
14. Manfreda, S., Caylor, K. K., **Good, S.P.** (2014) “An ecohydrological framework to explain shifts in vegetation organization across climatological gradients”, *AGU Fall Meeting 2014*, H33L-02. San Fransisco, California. 15-19 Dec.
13. Gorski, G., **Good, S.P.**, Bowen, G. J. (2014) “Fossil Fuel Combustion Fingerprint in High-Resolution Urban Water Vapor Isotope Measurements”, *AGU Fall Meeting 2014*, B24D-05. San Fransisco, California. 15-19 Dec.
12. Bowen G., Kennedy C., **Good, S. P.**, Ehleringer J. (2014) “Isotopic metrics for structure, connectivity, and residence time in urban water supply systems” *EGU General Assembly*, EGU2014-20134. Vienna, Austria. 22-27 April.

11. **Good, S. P.**, Bowen, G. J. (2014) "Stable Isotopes as tools for Investigations of Provenance" *Intelligence Community Postdoctoral Research Fellowship Colloquium*. Institute for Peace, Washington DC. 29 Apr.- 1 May
10. Bowen, G. J. **Good, S. P.** (2014) "Fast Analysis and Flexible Networks: IRIS and Citizen Science Give an Unprecedented View of Hydrological Events" *Consortium of Universities for the Advancement of Hydrologic Sciences Incorporated - Laser Spectroscopy Virtual Workshop*. Online, 10 Feb.
9. **Good, S. P.**, Noone, D., Bowen, G. J. (2013) "Estimation of the isotopic composition of evapotranspiration based on Tropospheric Emission Spectrometer HDO moisture convergence" *AGU Fall Meeting 2013*, PP42C-05. San Francisco, California. 9-13 Dec.
8. Guan, K., **Good, S. P.**, Caylor, K.K. (2013) "Seasonal rainfall variability and its significance to terrestrial ecosystems in Africa" *AGU Fall Meeting 2013*, B51J-08. San Francisco, California. 9-13 Dec.
7. **Good, S. P.**, Mallia, D. V., Lin, J.C., Bowen, G. J. (2013) "High-density spatiotemporal monitoring of water transport in hurricane sandy using stable isotopes," *125th Meeting of the Geological Society of America*, 232298. Denver, Colorado. 27-30 Oct.
6. Bowen, G., Mallia, D.V., **Good, S.P.**, Lin, J. (2013) "Spatiotemporal water transport patterns in Hurricane Sandy from high-density stable isotope monitoring" *EGU General Assembly 2013*. EGU2013-6620. Vienna, Austria. 22-27 April.
5. **Good, S.P.**, Rodriguze-Iturbe, R., Caylor, K. K., (2012) "Stochastic modeling of 3D variability ecosystem structure and function" *AGU Fall Meeting 2012*, B52C-07. San Francisco, California. 3-7 Dec.
4. Caylor, K. K., **Good, S.P.**, Guan, K., (2012) "When change is more of the same: The increasing importance of hydrological variability in drylands (Invited)" *AGU Fall Meeting 2012*, H52A-06. San Francisco, California. 3-7 Dec.
3. Soderberg, K. **Good, S.P.**, Wang, L., Caylor, K. K. (2012) "Soil Water Vapor Isotopes: A Tool For Understanding Ecohydrological Processes" *The 22nd V. M. Goldschmidt Meeting*. Montreal, Canada. 25-29 June
2. Caylor, K. K., **Good, S.P.**, Soderberg, K., E., King, (2011) "Savanna Grassland Transpiration Fluxes After A Water Pulse Using Stable Isotope And Eddy Covariance Techniques" *AGU Fall Meeting 2011*, B23E-07. San Francisco, California. 5-9 Dec.
1. **Good, S.P.**, Soderberg, K., Wang, L., Caylor, K. K., (2011) "Uncertainty in estimates of the isotopic composition of water vapor fluxes: direct comparison of techniques using laser-based analyzers" *AGU Fall Meeting 2011*, B24B-02. San Francisco, California. 5-9 Dec.

Poster Presentations (*denotes student advised by S.P. Good)

20. Talsma, C.*, **Good, S.P.**, Jimenez, C., and Miralles, D. (2017) "Evaluation of Evapotranspiration Partitioning in Satellite Driven Models" *Pacific Northwest Water Research Symposium*. Corvallis, Oregon. 6-7 March.
19. **Good, S.P.**, John Selker, J., Firas Al-Oqaili, F., Lopez, M., Kahle, L. Manuel Lopez, Lauren Kahle (2016) "Modular 3D Printed Soil Gas Probes" *AGU Fall Meeting 2016*, H105-124116. San Fransisco, California. 15-19 Dec.
18. **Good, S.P.** (2016) "A Mesic Maximum for Vegetation Water Use Across Biomes" *Emerging Issues in Tropical Ecohydrology - AGU Chapman Conference*. Cuenca, Ecuador. 5-9 June.
17. **Good, S.P.**, Noone, D, Bowen, G. J. (2015) "Stable Isotope Transfer Functions in Vadose Zone Soils", *International symposium on isotope Hydrology*. IAEA-CN-225-112p. Vienna, Austria. 11-15 May.
16. **Good, S.P.**, Noone, D., Kurita, N., Benetti, M., Bowen, G. J. (2014) "A Global Mass Balance of Isotope Ratios in Hydrologic Fluxes Provides Constraints on Terrestrial and Oceanic Water Cycling", *AGU Fall Meeting 2014*, PP31D-1190A. San Fransisco, California. 15-19 Dec.
15. Wang, L., Caylor, K. K., **Good, S.P.** (2014) "Global Synthesis of Vegetation Control on Evapotranspiration Partition", *AGU Fall Meeting 2014*, H51D-0639. San Fransisco, California. 15-19 Dec.
14. **Good, S. P.**, Chesson L., Valenzuela L., Beasley M., Ehleringer J., and Bowen G. (2014) "Identifying The Origin Of Tap Waters Across The Western United States Based On Stable Isotopic Composition" *Consortium of Universities for the Advancement of Hydrologic Sciences Incorporated - Laser Spectroscopy Virtual Workshop*. Online, 10 Feb.

13. **Good, S. P.**, Chesson L., Valenzuela L., Beasley M., Ehleringer J., and Bowen G. (2013) "Identifying the origin of tap water across the western united states for forensic applications", *5th Forensic Isotope Ratio Mass Spectrometry Meeting*. Montreal, Canada, 11-13 Sept.
12. **Good, S.P.**, O'Connor, M., Soderberg, K., Wang, L., Caylor, K. K. (2013) "Analysis of the distribution of the isotopic composition of evapotranspiration flux in a semi-arid savanna", *EGU General Assembly 2013*, EGU2013-9991. Vienna, Austria. 22-27 April
11. O'Conner, M., **Good, S.P.**, Caylor, K. K., (2012) "A multi-year record of flux measurements in East Africa: coupling eddy-covariance with high-frequency water isotope observations", *AGU Fall Meeting 2012*, B51B-0535. San Francisco, Calif., 3-7 Dec.
10. Wang, L., Niu, S., Zhou, X., Xia, J., Lou, Y., **Good, S.P.**, Caylor, K. K., McCabe, M. F., (2011) "The effect of warming on grassland evapotranspiration partition using laser-based isotope monitoring techniques", *AGU Fall Meeting 2011*, B11H-08. San Francisco, Calif., 5-9 Dec.
9. Soderberg, K., **Good, S.P.**, Safford, H. Ryan, K., O'Connor, M., Wang, L., Caylor, K.K. (2011) "Soil water vapor isotopes: Combining continuous field measurements with experimental and modeling approaches in a semi-arid ecosystem" *9th International Symposium on Applied Isotope Geochemistry*. Tarragonna, Spain.
8. **Good, S.P.**, Soderberg, K., Wang, L., Caylor, K.K. (2011) "A direct comparison of stable isotope evapotranspiration flux measurement techniques with closed path water vapor isotope analyzers" *9th International Symposium on Applied Isotope Geochemistry*. Tarragonna, Spain.
7. Soderberg, K., Wang, L., **Good, S.P.**, Caylor, K.K. (2011) "Measurement of soil water isotopes for evapotranspiration partitioning" *EGU General Assembly 2011*, EGU2011-12374. Vienna, Austria. 22-27 April
6. Caylor, K.K., Wang, L., **Good, S.P.**, Soderberg, K. (2011) "Evapotranspiration dynamics in a semi-arid savanna using continuous water vapor isotopes from the eddy covariance flux tower at Mpala Research Centre, Kenya" *Savanna Science Network Meeting 2011*. Kruger National Park, South Africa.
5. **Good, S.P.**, Soderberg, K., Kaiyu, G., King, E.G., Caylor, K.K. (2011) "Savanna grassland transpiration fluxes after water pulses assessed using stable isotope and eddy covariance techniques," *Conference on the Roles of Stable Isotopes in Water Cycle Research*. Keystone, CO.
4. Wang, L., **Good, S.P.**, Caylor, K.K., (2010) "A new method to quantify the isotopic signature of leaf transpiration: Implications for landscape-scale evapotranspiration partitioning studies," *AGU Fall Meeting 2010*, H41E-0945. San Francisco, Calif., 13-17 Dec.
3. **Good, S P.**, Wang, L., Caylor, K.K., Rodriguez-Iturbe, I. (2010) "Stochastic Modeling of Vegetation Structure in Biologically Diverse And Sparsely Populated Heterogeneous Landscapes" *Latsis Symposium 2010: Conference on Ecohydrology*. Lausanne, Switzerland.
2. Wang, L., Caylor, K. ., **Good, S.P.**, Villegas, J.C., Breshears, D. (2009) "Landscape-scale observations of plant water use using continuous stable isotope monitoring" *AGU Fall Meeting 2009*, H41E-0945. San Francisco, CA.
1. **Good, S. P.**, Caylor, K.K.. (2009) "Modeling The Ecohydrology of Vegetation Succession Patterns with Plant Functional Groups in Heterogeneous Landscapes" *AGU Chapman Conference; Examining Ecohydrological Feedbacks of Landscape Change along Elevation Gradients in Semiarid Regions*" Sun Valley, ID