

- CC46. **Nagler, Pamela**, Edward P. Glenn, Martha Gomez, Christopher Jarchow, & Jeff Milliken. 2014. *Poster*: Monitoring the Lower Colorado River's Arid Delta in Mexico by Measuring the Response in Vegetation and Evapotranspiration Resulting from the 2014 Spring Pulse Flow. 8th Annual Phenology Research and Observations of Southwest Ecosystems (*PROSE*) Symposium. Tucson, AZ. Oct. 17.
- CC47. **Nagler, Pamela**, Edward P. Glenn, Martha Gomez, Christopher Jarchow, & Jeff Milliken. 2014. *Poster*: Monitoring the Lower Colorado River's Arid Delta in Mexico by Measuring the Response in Vegetation and Evapotranspiration Resulting from the 2014 Spring Pulse Flow. National Workshop on Large Landscape Conservation. Washington D.C., Oct. 23-24.
- CC48. **Nagler, Pamela**, Edward P. Glenn, Martha Gomez, Christopher Jarchow, & Jeff Milliken. 2014. *Poster*: Monitoring the Lower Colorado River's Arid Delta in Mexico by Measuring the Response in Vegetation and Evapotranspiration Resulting from the 2014 Spring Pulse Flow. American Geophysical Union (AGU), Special Session in Hydrology - *H050: Evapotranspiration, evaporative demand, and drought: Exploring dynamics and linkages, and highlighting emerging applications*. San Francisco, CA. Dec. 15-20.
- CC49. Doody, T., **P. Nagler**, & E.P. Glenn. 2014. *Poster*: Estimates of evapotranspiration for riparian sites (*Eucalyptus*) in the Lower Murray –Darling Basin using ground validated sap flow and vegetation index scaling techniques. American Geophysical Union (AGU), Special Session in Hydrology - *H037: Evapotranspiration: Advances in In-situ and Remote Sensing Approaches*. San Francisco, CA. Dec. 15-20.
- CC50. **Nagler, Pamela L.**, Christopher J. Jarchow, Edward P. Glenn, Tanya M. Doody, Armando Barreto-Muñoz, & Kamel Didan. 2015. *Oral Presentation*: Wide-Area Estimates of Evapotranspiration by Red Gum (*Eucalyptus camaldulensis*) and Associated Vegetation in the Murray-Darling River Basin, Australia. Desert Landscape Conservation Cooperative, Tucson, AZ. Aug. 4-6.
- CC51. **Nagler, Pamela L.**, Christopher J. Jarchow, Edward P. Glenn, Tanya M. Doody, Armando Barreto-Muñoz, & Kamel Didan. 2015. *Oral Presentation*: Wide-Area Estimates of Evapotranspiration by Red Gum (*Eucalyptus camaldulensis*) and Associated Vegetation in the Murray-Darling River Basin, Australia. Ecological Society of America. Aug. 9-14. Baltimore, MD.
- CC52. Jarchow*, C. J., **P.L. Nagler**, & E. P. Glenn. 2015. *Oral Presentation*: Response of Riparian Vegetation to the Minute 319 Environmental Pulse Flows to Mexico: Greenup and Evapotranspiration by Remote Sensing. 12th Biennial Conference of Science and Management on the Colorado Plateau Meeting, Effects of Rapid Climatic, Social, and Technological Changes on the Colorado Plateau. Flagstaff, AZ. September 16-19. *student
- CC53. **Nagler, Pamela L.**, Christopher J. Jarchow, Edward P. Glenn, Tanya M. Doody, Armando Barreto-Muñoz, & Kamel Didan. 2015. *Poster*: Wide-Area Estimates of Evapotranspiration by Red Gum (*Eucalyptus camaldulensis*) and Associated Vegetation in the Murray-Darling River Basin, Australia. 9th Annual Phenology Research and Observations of Southwest Ecosystems (*PROSE*) Symposium. Tucson, AZ. October 16.
- CC54. **Nagler, P.L.**, U. Nguyen*, E.P. Glenn, & R.L. Scott. 2015. *Poster*: Long-term decrease in satellite vegetation indices in response to environmental variables in an iconic desert riparian ecosystem: the Upper San Pedro, Arizona, United States. 9th Annual Phenology Research and Observations of Southwest Ecosystems (*PROSE*) Symposium. Tucson, AZ. Oct. 16. *student
- CC55. **Nagler, P.L.**, C.J. Jarchow*, & E.P. Glenn. 2015. *Poster*: Response of Riparian Vegetation to the Minute 319 Environmental Pulse Flows to Mexico: Greenup and Evapotranspiration by Remote Sensing. 9th Annual Phenology Research and Observations of Southwest Ecosystems (*PROSE*) Symposium. Tucson, AZ. Oct. 16. *student
- CC56. Nguyen*, Uyen, Glenn, E.P., Nagler, P.L., & Scott, R. L. 2015. *Poster*: Long-term decrease in satellite vegetation indices in response to environmental variables in an iconic desert riparian

ecosystem: the Upper San Pedro, Arizona, United States. 12th Annual [Research Insights in Semiarid Ecosystems \(RISE\) Symposium](#). Tucson, AZ. Oct. 17. *student

- CC57. **Nagler, Pamela L.**, Christopher J. Jarchow, Edward P. Glenn, Tanya M. Doody, Armando Barreto-Muñoz, & Kamel Didan. 2015. *Poster*: Wide-Area Estimates of Evapotranspiration by Red Gum (*Eucalyptus camaldulensis*) and Associated Vegetation in the Murray-Darling River Basin, Australia. Society for Ecological Restoration (SER), Southwest Chapter Annual Meeting. Tucson, AZ. Nov. 20-22.
- CC58. Jarchow*, C., **P. Nagler**, & E. Glenn. 2015. *Poster*: Greenup and Evapotranspiration (ET) of Riparian Vegetation Following the Minute 319 Environmental Pulse Flows to Mexico. Society for Ecological Restoration (SER), Southwest Chapter Annual Meeting. Tucson, AZ. Nov. 20-22, 2015. *student.
- CC59. Nouri, Hamideh, **Pamela Nagler**+, Sharolyn Anderson, Paul Sutton, Simon Beecham, & Sattar Chavoshi. 2015. *Oral Presentation*: Evapotranspiration estimation in heterogeneous urban vegetation. American Geophysical Union (AGU), Special Session in Hydrology -- H045: *Evapotranspiration: Advances in In Situ Measurements and Remote Sensing Based Modeling Approaches*. San Francisco, CA, Dec. 14-19. +presenter
- CC60. Nguyen*, Uyen, Edward Glenn, **Pamela Nagler**, & Joel Sankey. 2015. *Poster*: Remote sensing approach to map riparian vegetation of the Colorado River Ecosystem, Grand Canyon area, Arizona. American Geophysical Union (AGU), Special Session in Biogeosciences - B43: *Characterizing Vegetation Structure with Remote Sensing I Posters*. San Francisco, CA, Dec. 14-19. *student
- CC61. Glenn, Edward P., Christopher J. Jarchow, **Pamela L. Nagler**, & Patrick B. Shafroth. 2016. *Oral Presentation*: Effectiveness of Environmental Flows for Riparian Restoration: A Tale of Four Rivers. 5th International EcoSummit on Ecological Sustainability (ECOS2016), Special Session -2268: *Resilient Rivers*. Montpellier, France. Aug. 31-Sept. 2.
IP- 073766
- CC62. Jarchow, Christopher J., **Pamela L. Nagler**, Edward P. Glenn, Jorge Ramírez Hernández, Eliana Rodríguez-Burgueño. 2016. *Poster*: Environmental flows as a tool for riparian ecosystem restoration: an analysis of greenup and ET of the Colorado River Delta following the minute 319 pulse flows to Mexico. 5th International EcoSummit on Ecological Sustainability (ECOS2016), Special Session - 2268: *Resilient Rivers*. Montpellier, France. Aug. 31-Sept. 2.
IP- 073712
- CC63. Hernandez-Morlan* X.I., Peterson G., Rhemtulla J., Hinojosa-Huerta O., & **Nagler P.L.** 2016. *Poster*: Landscape dynamics and resilience in the riparian corridor of the Colorado River Delta, Mexico. 5th International EcoSummit on Ecological Sustainability (ECOS2016), Special Session -2268: *Resilient Rivers*. Montpellier, France. Aug. 31-Sept. 2. *student
IP-052648
- CC64. Nouri, Hamideh, Sharolyn Anderson, Paul Sutton, **Pamela Nagler**, Chris Jarchow, Simon Beecham, & Dar Roberts. 2016. *Poster*: NDVI, Scale Invariance and the Modifiable Areal Unit Problem: An Assessment of Vegetation in Two Arid Land Regions. 5th International EcoSummit on Ecological Sustainability (ECOS2016), Special Session - 2268: *Resilient Rivers*. Montpellier, France. Aug. 31-Sept. 2.
IP- 073837
- CC65. Waugh, W.J., A.D. Laase, R.P. Bush, E.P. Glenn, C.J. Jarchow, & **P.L. Nagler**. 2016. *Oral Presentation*: Landscape-Scale Evapotranspiration: Groundwater Recharge and Discharge at a Uranium Processing Site. International Atomic Energy Agency (IAEA). Grand Junction, CO. September 28.
- CC66. Waugh, W.J., E.P. Glenn, C.J. Jarchow, & **P.L. Nagler**. 2016. *Oral Presentation*: Use of Unmanned Aircraft Systems for Estimating ET and Groundwater Discharge by Plants over the Uranium Mine Sites. Applied Studies & Technology Workshop. Tucson, AZ. Dec. 1-3.

- CC67. **Nagler, Pamela L.**, Uyen Nguyen, Heather Bateman, Dan Bean, Christopher J. Jarchow, Patrick Shafroth, Jody Waugh, Charles van Riper III, & Edward P. Glenn. 2016. Poster: Potential for Water Savings by Defoliation of Saltcedar (*Tamarix* spp.) by Saltcedar Beetles (*Diorhabda carinulata*) in the Upper Colorado River Basin. American Geophysical Union (AGU), Special Session in Biogeochemical Cycles - B068: *Remote Sensing of Ecosystem Functional Processes in Natural and Human-Influenced Systems*. San Francisco, CA. Dec. 11-17.
IP-077771
- CC68. Jarchow, Christopher J., **Pamela L. Nagler**, & Edward P. Glenn. 2016. Poster: How did the delta respond? An analysis of Greenup and Evapotranspiration (ET) of the Colorado River Delta following the Minute 319 Pulse Flows to Mexico. American Geophysical Union (AGU), Session Session in Hydrology - H037: *Evapotranspiration: Advances in In Situ Measurements and Remote Sensing Based Modeling Approaches*. San Francisco, CA. Dec. 11-17.
IP-077772
- CC69. Waugh, W. Joseph, **Pamela L. Nagler**, John Vogel, Uyen Nguyen, Christopher J. Jarchow & Edward P. Glenn. 2016. Poster: Effects of Changes in Tamarisk Evapotranspiration on Groundwater at a Southwestern Uranium Mill Tailings Site. American Geophysical Union, Special Session in Biogeochemical Cycles - B092: *Unmanned Aerial Systems (UAS) Applications in Agriculture and Natural Resource Management*. San Francisco, CA. Dec. 11-17.
IP-077817
- CC70. Dennison, Philip, R. Kokaly, C. Daughtry, D. Roberts, D. Thompson, J. Chambers, **P. Nagler**, G. Okin, & P. Scarth. 2016. Oral Presentation: Estimating Achievable Accuracy for Global Imaging Spectroscopy Measurement of Non-Photosynthetic Vegetation Cover. American Geophysical Union (AGU), Special Session in Global Change - GC52A-05: *Earth Science Results from New Imaging Spectroscopy Measurements around the Globe II*. San Francisco, CA. Dec. 11-17.
IP-078288
- CC71. Waugh, W., A. Laase, T. Bartlett, E. Glenn, C. Jarchow, **P. Nagler**, & R. Bush. 2017. Oral Presentation: Effects of Rangeland Evapotranspiration on Groundwater Recharge, Discharge, and Flow at the Tuba City, Arizona, Disposal Site – 17159. Waste Management (WM) Symposia 2017 - Building Global Trust in Decommissioning Radioactive Waste, Phoenix, AZ. March 5-9.
IP-083254
- CC72. **Nagler, Pamela L.**, William J. Waugh, Edward P. Glenn, Uyen Nguyen, Christopher J. Jarchow, & John Vogel. 2017. Oral Presentation: Methods for Measuring Effects of Changes in Tamarisk Evapotranspiration on Groundwater at Southwestern Uranium Mill Tailings Sites. Ecological Society of America, Portland, Oregon, Aug. 6-11.
IP-084536
- CC73. Waugh, William Joseph, Edward P. Glenn, David Moore, **Pamela L. Nagler**, Richard Bush, & Mark Kautsky. 2017. Oral Presentation: Growing desert phreatophytes to control flow of contaminated groundwater at a uranium mill site. Ecological Society of America, Portland, Oregon, Aug. 6-11.
IP-083772
- CC74. **Nagler, Pamela L.**, Uyen Nguyen, Heather L. Bateman, Christopher J. Jarchow, Edward P. Glenn, William J. Waugh, & Charles van Riper III. 2017. Oral Presentation: Northern tamarisk beetle (*Diorhabda carinulata*) and tamarisk (*Tamarix* spp.) interactions in the Colorado River Basin. 14th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region, Special Session: *Tamarisk from Organism to Landscape*. Flagstaff, Arizona. Sept. 11-14.
IP-087177
- CC75. Jarchow, Chris, **Pamela Nagler**, & Edward Glenn. 2017. Oral Presentation: Colorado River Delta Three Years After the Pulse. 14th Biennial Conference of Science & Management on the Colorado

Plateau & Southwest Region, Special Session: *Tamarisk from Organism to Landscape*. Flagstaff, Arizona. September 11-14.

IP-087228

CC76. Doody, Tanya, Garth Warren, Sultan Umoru, & **Pamela Nagler**. 2017. Oral Presentation: Using field data to validate MODIS evapotranspiration algorithms in floodplain regions. The 22nd International Congress on Modelling and Simulation (MODSIM). Tasmania, Australia. Dec. 3-8.

IP-088417

CC77. **Nagler, Pamela L.**, Uyen Nguyen, Heather Bateman, Dan Bean, Christopher J. Jarchow, Jody Waugh, Charles van Riper III, & Edward P. Glenn. 2017. Oral Presentation: Water Savings by Defoliation of Saltcedar (*Tamarix* spp.) by Saltcedar Beetles (*Diorhabda carinulata*) in the Upper Colorado River Basin. American Geophysical Union (AGU). New Orleans, LA. December 10-16.

IP-088419

CC78. **Nagler, Pamela L.**, Christopher J. Jarchow, Chris McCreedy, Edward P. Glenn, & Charles van Riper III. 2018. Poster: Avian response to fire in the lower Sonoran Desert at Kofa, Special Session, Collaboration now for the future: biodiversity and management of the Madrean Archipelago. Madrean Conference 2018. Tucson, AZ. May 14-16.

IP-095037

CC79. Jarchow, Christopher J., W. Joseph Waugh, **Pamela L. Nagler**, & Edward P. Glenn. 2018. Oral Presentation: Using remote sensing to characterize landscape-scale vegetation and evapotranspiration at UMTRCA sites. Long-Term Stewardship Conference. Grand Junction, CO. August 20-23, 2018.

IP-097208, BAO Approved 04/24/18 (abstract)

CC80. **Nagler, P.L.**, C. J. Jarchow, Armando Barreto-Muñoz, & Kamel Didan. 2018. Oral Presentation: Environmental Pulse Flows as a Tool for Restoration of Plant Communities: A Case Study of Remote Sensing Methods to Measure Greenness and Evapotranspiration in the Lower Colorado River Delta. American Geophysical Union (AGU), Special Session in Hydrology - *H056: Evapotranspiration: Advances in Remote Sensing Based Estimation, Mapping and Evaluation*. Washington, D.C. December 10-14.

IP-095145, BAO Approved 06/26/18 (abstract)

IP-099055, BAO Approved 06/26/18 (presentation)

CC81. **Nagler, P.L.**, Jarchow, C.J., Waugh, W.J., Barreto Muñoz, A., Hermann, S., & Didan K, 2019. Oral Presentation: Remote sensing estimates of evapotranspiration at a southwestern uranium mill tailings site. USDA Agriculture Research Service. Maricopa, AZ. Feb. 4.

IP-102718, BAO Approved 01/29/19 (abstract)

CC82. **Nagler, P.L.**, Jarchow, C.J., Barreto Muñoz, A., Combs, T. P., & Didan, K. 2019. Poster: Remote sensing time-series analysis of plant cover change in restoration areas in the riparian zone of the Colorado River Delta. RiversEdgeWest Meeting at the Desert Botanical Gardens, Phoenix, AZ. February 5.

IP-104412, BAO Approved 12/19/18 (abstract)

CC83. **Nagler, P.L.**, C. J. Jarchow, Armando Barreto-Muñoz & Kamel Didan. 2019. Poster: Remotely sensed evapotranspiration in the lower Colorado River delta in response to environmental pulse flows. (EGU2019-2585), Published Abstract: *Geophysical Research*, Copernicus Gesellschaft, Volume 21, P1-1. European Geosciences Union (EGU). Vienna, Austria. April 7-10.

IP-104495, BAO Approved 12/24/18 (abstract)

CC84. Behnaz (Badiéh) Noori, Hamideh Nouri, & **Pamela Nagler**. 2019. Poster: Water Demand of Desert Margin Farmlands, Remote Sensing and Modeling Approaches (EGU2019-2487), Published Abstract: *Geophysical Research*, Copernicus Gesellschaft, Volume 21, P1-1. European Geosciences Union (EGU). Vienna, Austria. April 7-10, 2019.

IP-104754, BAO Approved 01/31/19 (abstract)

- CC85. Jarchow, C. J., W. Joseph Waugh, **Pamela L. Nagler**, & Edward P. Glenn. 2019. Poster: Using remote sensing to characterize landscape-scale vegetation and evapotranspiration at Uranium Mill Tailings Radiation Control Act (UMTRCA) sites in the arid southwestern United States (EGU2019-4333), Published Abstract: *Geophysical Research*, Copernicus Gesellschaft, Volume 21, P1-1. European Geosciences Union (EGU). Vienna, Austria. April 7-10, 2019.

IP-103431, BAO Approved 01/31/19 (abstract)

- CC86. Nouri, Hamideh, **Pamela Nagler**, Sattar Chavoshi Borujeni, Christopher Jarchow, Armando Barreto Muñoz, & Kamel Didan. 2019. Poster: Effects of spatial resolution of satellite images on the remote sensing-based evapotranspiration estimation of urban greenery (EGU2019-13563), Published Abstract: *Geophysical Research*, Copernicus Gesellschaft, Volume 21, P1-1. European Geosciences Union (EGU). Vienna, Austria. April 7-10, 2019.

IP-104757, BAO Approved 01/29/19 (abstract)

- CC87. Combs, Truman P., Kamel Didan, Armando Barreto-Muñoz, Christopher J. Jarchow, Martha Gomez-Sapiens, & **Pamela L. Nagler**. 2019. Oral Presentation: Unmanned Aerial Vehicle based Structure from Motion for Estimating Biocontrol Impacts on Riparian Tamarisk. 15th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region, Special Session: *Tamarisk in the Ecosystem*. N. AZ University. Flagstaff, Arizona. September 9-12, 2019.

IP-109087, BAO Approved 06/14/19 (abstract)

- CC88. Gómez-Sapiens, M.M., **Nagler, P.**, Schlatter, K., Melendez, A., Hernandez-Lopez, Barreto-Muñoz, A., & Didan, K. 2019. +Presenter. Oral Presentation: Vegetation indices trends in restoration and non-restored riparian vegetation sites: exploring the potential to detect changes in foliar cover through Landsat and UAV vegetation indices in the Colorado River Delta, Mexico. 15th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region, Special Session: *Tamarisk in the Ecosystem*. N. AZ University. Flagstaff, Arizona. September 9-12, 2019.

IP-108955, BAO Approved 06/07/19 (abstract)

- CC89. **Nagler, P.L.**, Jarchow, C.J., Barreto-Munoz, A., Herrmann, S., & Didan, K., 2019. Oral Presentation: Characterizing evapotranspiration dynamics in the riparian zone of the Colorado River Delta to evaluate ecosystem changes in response to the Minute 319 environmental pulse flow to Mexico. 15th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region, Special Session: *Tamarisk in the Ecosystem*. Northern Arizona University. Flagstaff, Arizona. September 9-12, 2019.

IP-110019, BAO Approved 07/17/19 (abstract)

- CC90. Barreto-Muñoz, A., **Nagler, P.**, Didan, K., Shafroth, P., & González, E. 2019. Oral Presentation: Using time-series satellite vegetation indices to assess fractional plant cover changes and ecological recovery for riparian restoration sites on the Colorado Plateau. 15th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region, Special Session: *Tamarisk in the Ecosystem*. Flagstaff, Arizona. September 9-12, 2019.

IP-109263, BAO Approved 06/20/19 (abstract)

- CC91. Gómez-Sapiens, Martha M., Karen Schlatter, Angela Melendez, Deus Hernandez-Lopez, Kamel Didan, Armando Barreto-Muñoz, & **Pamela Nagler**. 2019. Oral Presentation: Vegetation indices trends in restoration and non-restored riparian vegetation sites: Exploring the potential to detect responses to restoration through Landsat and UAV vegetation indices in the Colorado River Delta, Mexico. Society for Ecological Restoration Conference. Tucson, AZ. Nov. 8-10, 2019.

IP-112424, BAO Approved 08/30/19 (abstract)

- CC92. Gómez-Sapiens, M.M., **P. Nagler, P.**, K. Schlatter, A. Melendez, D. Hernandez-Lopez, C. Jarchow, A. Barreto-Muñoz, & K. Didan. 2019. +Presenter. Poster: Evapotranspiration by Vegetation Index Methods: Trends in restoration and non-restored riparian vegetation sites in the Colorado River

Delta, Mexico. American Geophysical Union (AGU), Special Session in Hydrology - *H056: Evapotranspiration (ET): Advances in In Situ Evapotranspiration Measurements and Remote Sensing-Based ET Estimation, Mapping and Evaluation*. San Francisco, CA. December 9-13, 2019.

IP-109279; BAO Approved 06/20/19 (abstract)

- CC93. **Nagler, P.L.**, C. Jarchow, A. Barreto-Munoz, S. Herrmann, & K. Didan. 2019. *Poster*: Characterizing evapotranspiration dynamics in the riparian zone of the Colorado River Delta to evaluate ecosystem changes in response to the Minute 319 environmental pulse flow to Mexico. American Geophysical Union (AGU), Special Session in Hydrology - *H056: Evapotranspiration (ET): Advances in In Situ Evapotranspiration Measurements and Remote Sensing-Based ET Estimation, Mapping and Evaluation*. San Francisco, CA. December 9-13, 2019.

IP-109289; BAO Approved 06/21/19 (abstract)

- CC94. Barreto-Muñoz, A., **P. Nagler**, C. Jarchow, K. Didan, P. Shafroth, & E. González. 2019. *Poster*: Using time-series satellite vegetation indices to assess fractional plant cover changes and ecological recovery for riparian restoration sites on the Colorado Plateau. American Geophysical Union (AGU), Special Session in Biogeochemistry - *B032: Time Series and Trends*. San Francisco, CA. December 9-13, 2019.

IP-109519, BAO Approved 06/27/19 (abstract)

- CC95. Combs, T.P., K. Didan, A. Barreto-Muñoz, C. Jarchow, M. Gomez-Sapiens, & **P. Nagler**. 2019. *Poster*: Abstract #B11I-2308, Unmanned Aerial Vehicle based Structure from Motion for Estimating Biocontrol Impacts on Riparian Tamarisk. American Geophysical Union (AGU), Special Session in Hydrology - *H056: Evapotranspiration (ET): Advances in In Situ Evapotranspiration Measurements and Remote Sensing-Based ET Estimation, Mapping and Evaluation*. San Francisco, CA. December 9-13, 2019.

IP-109287, BAO Approved 06/21/19 (abstract)

- CC96. Jarchow, C., W.J. Waugh, **P. Nagler**, K. Didan, & A. Barreto-Muñoz. 2020. *Oral Presentation*: Evapotranspiration, vegetation, and groundwater dynamics at a former uranium mill site in Shiprock, New Mexico: Implications for managing groundwater contaminants. Battelle's 12th International Conference Remediation of Chlorinated & Recalcitrant Compounds. Portland, Oregon. May 31-June 4, 2020.

IP-111407, BAO Approved 08/23/19 (abstract)

- CC97. **Nagler, Pamela**, Armando Barreto-Muñoz, Kamel Didan, Christopher Jarchow, Sattar Chavoshi Borujeni, Hamideh Nouri, Stefanie Herrmann, & Martha Gómez-Sapiens. 2020. *Oral Presentation*: Short and long-term analyses of plant greenness & evapotranspiration dynamics in the riparian zone of the Colorado River Delta before and after the 2014 Minute 319 environmental pulse flow (#5932). European Geophysical Union (EGU), Special Session-*HS6.1: Evapotranspiration estimation using remote sensing and in-situ*. Vienna, Austria. May 3-8.

IP-115898; BAO Approved 01/30/20 (abstract)

IP-123262; BAO Approved 05/06/20 (presentation)

- CC98. **Nagler, Pamela L.**, Armando Barreto-Muñoz, Christopher J. Jarchow, & Kamel Didan. 2020. *Poster*: Evapotranspiration changes over two decades along western U.S. dryland rivers using time-series satellite vegetation indices to assess riparian ecosystem plant water use trends. EcoSummit 2020 (postponed): Building a sustainable and desirable future: Adapting to a changing land and sea-scape, Special Session #044: *Providing Solutions to a Current Environmental Problem Facing our Changing World: Improving Methods and Models Used to Measure and Scale Evapotranspiration (ET) to the Landscape Scale in Urban Regions, Catchments and Wetlands*. Gold Coast, Queensland, Australia. June 21-25.

IP- 113271, BAO Approved 10/22/19 (abstract)

- CC99. Doody, Tanya, **Pamela Nagler**, & Martin Nolan. 2020. *Oral Presentation*: Broad scale tree condition assessment in the Murray-Darling Basin to inform environmental flow management. EcoSummit 2020 (postponed): Building a sustainable and desirable future: Adapting to a changing land and sea-scape, Special Session #044: *Providing Solutions to a Current Environmental Problem Facing our Changing World: Improving Methods and Models Used to Measure and Scale Evapotranspiration (ET) to the Landscape Scale in Urban Regions, Catchments and Wetlands*. Gold Coast, Queensland, Australia. June 21-25.
IP-114128, BAO Approved 11/15/19 (abstract)
- CC100. Nouri, Hamideh, Sattar Chavoshi Borujeni, & **Pamela Nagler**, Arjen Hoekstra (deceased). 2020. *Poster*: Estimation of evapotranspiration, water demand and water footprint of urban green spaces using ground-based and optical remote sensing techniques. EcoSummit 2020 (postponed): Building a sustainable and desirable future: Adapting to a changing land and sea-scape, Special Session #044: *Providing Solutions to a Current Environmental Problem Facing our Changing World: Improving Methods and Models Used to Measure and Scale Evapotranspiration (ET) to the Landscape Scale in Urban Regions, Catchments and Wetlands*. Gold Coast, Queensland, Australia. June 21-25.
IP-114059, BAO Approved 11/14/19 (abstract)
- CC101. Jarchow, Christopher, W. Joseph Waugh, Kamel Didan, Armando Barreto-Muñoz, Stephanie Herrmann, & **Pamela Nagler**. 2020. *Oral Presentation (virtual)*: Evapotranspiration, Beetles, and Groundwater Dynamics at a Former Uranium Mill Site: Implications for the Remediation of Contaminated Groundwater. Ecological Society of America (ESA), Salt Lake, UT. Aug. 2-7.
IP-115201, BAO Approved 01/10/20 (abstract)
- CC102. **Nagler, Pamela**, Kamel Didan Armando Barreto-Muñoz. 2020. *Oral Presentation (virtual)*: Remotely-sensed measurements of declining riparian vegetative cover and available water in southwestern riparian corridors. Ecological Society of America (ESA), Salt Lake, UT. Aug. 2-7.
IP-123258, BAO Approved 02/19/20 (abstract)
IP-123260, BAO Approved 07/09/20 (presentation)
- CC103. Nouri, Hamideh, Sattar Chavoshi Borujeni, **Pamela Nagler**, Armando Barreto-Muñoz, Kamel Didan. 2020. *Oral Presentation*: The impact of local climate on the greenness and water demand of large urban green spaces. First International Conference on Urban Water Interfaces (UWI). Berlin, Germany. September 22-24.
IP-118240, BAO Approved 03/10/20 (abstract)
- CC104. **Nagler, P.L.**, Barreto-Muñoz, A., Borujeni, S.C., Jarchow, C.J., Gómez-Sapiens, M.M., Nouri, H., Herrmann, S.M., & Didan, K. 2020. *Oral Presentation (virtual)*: Response to Surface Flow--Vegetation Greenness and Water Use in the Colorado River Delta since 2000. American Geophysical Union (AGU), Special Session in Hydrology - H051: *Evapotranspiration and Surface Energy Budget: Advances in using In-Situ and Remote Sensing Observations*. San Francisco, CA. December 7-11.
IP-123256, BAO Approved 07/07/20 (abstract)
IP-127202, BAO Approved 11/10/20 (presentation)
- CC105. **Nagler, P.L.**, Armando Barreto-Muñoz, & Kamel Didan. 2021. *Oral Presentation (virtual)*: A Riparian Ecosystem Data Explorer for Monitoring the Lower Colorado River: Integrated and dynamic web-based delivery of actionable information. RiversEdge West Annual Meeting, Special Session: *Science, Technology & Monitoring*. February 16-26.
IP-125916, BAO Approved 11/19/20 (abstract)
IP-127201, BAO Approved 01/13/21 (presentation)
- CC106. **Pamela Nagler**, Armando Barreto-Muñoz, Sattar Chavoshi Borujeni, Hamideh Nouri, Chris Jarchow and Kamel Didan. 2021. *Oral Presentation (virtual)*: Riparian area changes in greenness and water use on the Lower Colorado River in the USA from 2000-2020. American Association of

Geographers (AAG) Annual Meeting, Special Session: *Floodplains and riparian zones: pattern, process, and management of dynamic ecosystems*. April 7-11.

IP-127203, BAO Approved 11/16/20 (abstract)

IP-129075, BAO Approved 04/02/21 (presentation)

- CC107. **Nagler, Pamela L.**, Armando Barreto-Muñoz, Sattar Chavoshi Borujeni, Hamideh Nouri, Chris Jarchow & Kamel Didan. 2021. *Poster & Lightning Talk (virtual)*: Changes in Water Use on the Lower Colorado River in the USA from 2000-2020. European Geosciences Union (EGU), Special Session in *Hydrology - HS6: Remote sensing and data assimilation, Session 6.1, Remotely-sensed evapotranspiration*. Vienna, Austria. April 25-30.

IP-124991, BAO Approved 11/27/20 (abstract)

IP-xxxxx, BAO Approved 04/22/21 (presentation)

- CC108. **Nagler, P.**, Barreto-Muñoz, A., Chavoshi Borujeni, S., Nouri, H., Jarchow, C., & Didan, K. 2021. *Poster & Lightning Talk (virtual)*: EGU21-138, Changes in Water Use on the Lower Colorado River in the USA from 2000-2020. European Geosciences Union (EGU), Special Session in *Hydrology - HS6: Remote sensing and data assimilation, Session 6.1, Remotely-sensed evapotranspiration*. Vienna, Austria. April 25-30.

IP-xxxxx, BAO Approved 04/19/21 (presentation)

- CC109. Chavoshi Borujeni, Sattar, Hamideh Nouri, **Pamela Nagler**, Armando **Barreto-Muñoz** & Kamel Didan. 2021. *Poster & Lightning Talk (virtual)*: Spatio-temporal changes in water demand of urban greenery. European Geosciences Union (EGU), Special Session in *Hydrology - HS6: Remote sensing and data assimilation, Session 6.1, Remotely-sensed evapotranspiration*. Vienna, Austria. April 25-30.

IP-125919, BAO Approved 12/01/20 (abstract)

IP-xxxxx, BAO Approved 04/22/21 (presentation)

- CC110. Abbasi, Neda, Hamideh Nouri, Sattar Chavoshi Borujeni, **Pamela Nagler**, Armando Barreto-Muñoz, Kamel Didan, Christian Opp, & Stefan Siebert. 2021. *Poster & Lightning Talk (virtual)*: Inter-comparison of remotely-sensed actual ET products in the Zayandehrud river basin, Iran. European Geosciences Union (EGU), Special Session in *Hydrology - HS6: Remote sensing and data assimilation, Session 6.1, Remotely-sensed evapotranspiration*. Vienna, Austria. April 25-30.

IP-125921, BAO Approved 12/02/20 (abstract)

IP-xxxxx, BAO Approved 04/16/21 (presentation)

- CC111. Nouri, H., Chavoshi Borujeni, S., **Nagler, P.**, Barreto-Muñoz, A., Didan, K, Hoekstra, A. 2021. *Poster & Lightning Talk (virtual)*: Changes in the water footprint of urban green spaces over time. European Geoscience Union (EGU), Special Session in *Hydrology - HS5.1: Water and Society, Advances in water footprint/water productivity*. Vienna, Austria. April 19-30.

IP-127205, BAO Approved 12/09/20 (abstract)

IP-xxxxx, BAO Approved 04/27/21 (presentation)

- CC112. **Nagler, P.L.**, Armando Barreto-Muñoz, Kamel Didan. 2021. *Oral Presentation (virtual)*: A Riparian Ecosystem Data Explorer for Monitoring the Lower Colorado River: Integrated and dynamic web-based delivery of actionable information. Ecological Society of America (ESA), Special Session: *Ecological Applications, Tools and Techniques*. August 2-6.

IP-xxxxxx, BAO Approved 04/22/21 (abstract)

IP-xxxxxx, BAO Approved 04/30/21 (presentation)

- CC113. **Nagler, Pamela**, Ibrahima Sall, Armando Barreto-Muñoz, Hamideh Nouri, Sattar Chavoshi Borujeni, Martha Gómez-Sapiens, and Kamel Didan. 2021. *Poster (virtual)*: Effect of restoration on riparian reach-level vegetation greenness and evapotranspiration in relation to drought in the Colorado River delta. American Geosciences Union (AGU), Special Session in *Hydrology - H050: Evapotranspiration (ET): Advances in In Situ ET Measurements and Remote Sensing-Based ET Estimation, Mapping, and Evaluation*. New Orleans, LA. Dec. 13-17.

IP-xxxxxx (abstract); BAO Approved 07/08/21;

IP-xxxxxx (presentation); BAO Approved xxxx, /21;

- CC114. **Nagler, Pamela**, Ibrahima Sall, Armando Barreto-Muñoz, & Kamel Didan. 2021. *Poster (virtual)*: Riparian ecosystem trends in greenness, evapotranspiration, and drought for restored and unrestored river reaches in the Colorado River delta. American Geosciences Union (AGU), Special Session in Hydrology – *H022: Advancing Science through Observations, Monitoring, and experimentation in Catchment, Critical Zone, and Ecosystem Studies*. New Orleans, LA. Dec. 13-17.

IP-xxxxxx (abstract); BAO Approved 08/03/21;

IP-xxxxxx (presentation); BAO Approved xxxx, 2021;

- CC115. Melichar, Madeline, Kamel Didan, Armando Barreto-Muñoz, Jennie Duberstein, Kathryn Thomas, & **Pamela Nagler**. 2021. *Poster (virtual)*: A Machine Learning and Data Fusion Approach for Classifying High-Resolution Operational Land Imager Spectral and Vegetation Dynamic Data in Support of Habitat Mapping in the Transboundary Region of the Sonoran and Mojave Deserts. American Geosciences Union (AGU), Special Session in Biogeosciences – *B004: Advances in machine learning and deep learning for monitoring terrestrial ecosystems*. New Orleans, LA. Dec. 13-17.

IP-xxxxxx (abstract); BAO Approved 08/03/21;

IP-xxxxxx (presentation); BAO Approved xxxx, 2021;

- CC116. **Nagler, Pamela**, Ibrahima Sall, Armando Barreto-Muñoz, Hamideh Nouri, Sattar Chavoshi Borujeni, Martha Gómez-Sapiens, & Kamel Didan. 2022 (virtual). *Oral Presentation (virtual)*: Trends in evapotranspiration and drought in a dozen riparian restoration sites in the Colorado River Delta in Mexico. RiversEdge West Annual Meeting, Special Session: *Science, Technology & Monitoring*. Grand Junction, CO. February 23-25.

IP-xxxxxx, BAO Approved 07/28/21 (abstract)

IP-xxxxxx, BAO Approved 08/xx/21 (presentation)