**UREx SRN Research Experience for Undergraduates (REU)**

The Urban Resilience to Extremes Sustainability Research Network ([UREx SRN](https://urldefense.proofpoint.com/v2/url?u=https-3A__sustainability.asu.edu_urbanresilience_&d=DQMGaQ&c=AGbYxfJbXK67KfXyGqyv2Ejiz41FqQuZFk4A-1IxfAU&r=2KO_WVzLlwGJTSVz0YOc4es-Ww0TWIEbNhXuqXoMcMQ&m=VRQUX7iiQ7lAX3LkTlu7UtNIG6uOA_Ahmn__XRkiXmo&s=mrBfxSfoGzoUd_rZIC3oHE_0TKE_AzpwQU9BTcmL8AQ&e=)) is pleased to announce six (6) potential research opportunities for undergraduate students to participate this summer in interdisciplinary research associated with urban infrastructure resilience and community vulnerability in the face of extreme weather-related events. UREx SRN aims to generate knowledge and promote actions that will ensure urban resilience. UREx SRN is interested in students who have their sights set on graduate school and careers in related scientific research and outcomes. The REU opportunity will provide four (4) selected students hands-on experience in data research, analysis, stakeholder engagement and active collaboration with the UREx SRN team.

**Compensation**: Each REU student will receive a competitive funding package up to US $4,500 for research stipends and travel (if applicable).

**Application deadline**: Friday, April 12, 2019 @ 5:00 PM AZ-MST. Students complete the [application](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_w24eguf3tdt8zw8_REU-25202019-2520Application.docx-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=bfTlZ6TwOjCx5YtsBquiJjyCR6TJBR4lnCZO9dfrdzg&e=) and submit to Emily Key ([emily.key@asu.edu](mailto:emily.key@asu.edu)).

[Opportunity 1: Pleasantville, NY or Corvallis, OR](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_5ysftgwcjrt1jdk_Matsler-5FREU-25202019-2520Project-2520Proposal.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=QYQpiLStpzEDs5xJEKLzT8_Vgu4Icbi7hONbbO4RLDs&e=)

The role of green infrastructure incentive programs in (in)equitably meeting urban stormwater challenges

[Opportunity 2: Phoenix, AZ](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_7vmgkh580a1641r_Redman-5FRequest-2520for-2520Summer-25202019-2520REU.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=hdBlT7h33lWsA1_aIN5rudCR5Nm1wJirDDehwEIFbqs&e=)

Mitigating Extreme Heat as Tempe Densifies

[Opportunity 3: Phoenix, AZ](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_gh483pcwjxfpq88_REU-2520Proposal-5F-2520Grimm-2520Lab.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=jViiC2JodgQqD7cgz2sjGK9Y3-wm00hjxJGfrsKo4P4&e=)

How does the establishment of flow-control structures in an ephemeral desert wash influence surrounding vegetation?

[Opportunity 4: Phoenix, AZ](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_7qqwlvfhnq7aceg_REU2019-5FProposal-5FY-5FKim.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=OWjRfzvrgQ0tRCXDcisM7jpye43uFvtIG0ncfJbD-kA&e=)

Comparative Urban Futures for Flood Resilience

[Opportunity 5: Miami, FL](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_m40vo8g4t9i8yrt_Troxler-5FFLOODPLAIN-2520MANGMT.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=SC7aUl1uQ6ibJ8GpFGnqHfvEB7F1qy6McE_sXDlpRok&e=)

Opportunities in Floodplain Management for Risk Reduction and Natural Systems Benefits

[Opportunity 6: Miami, FL](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_s_d6j0usnnegz3gi8_Troxler-5FURBAN-2520WETLAND-2520RESTORATION.pdf-3Fdl-3D0&d=DwMFaQ&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6zbqQ&r=vmNajyXlc5LyAzGr-6na4__CEZjF5Dza_Tt63vXxAZo&m=hpAtMlFv0q7PmhCIrx5OGpI-cYf_u_n3gCzPsBGJbZI&s=VG9IGnF6rsyQNERy0__LXTP0djKLrDgZPqqdgbpRGoM&e=)

Urban Wetland Restoration

**What type of undergraduate students are we looking for? We would like students with the following traits:**

– a passion for research

– a desire to engage in a life-changing research experience

– a strong and creative work ethic

– a willingness to challenge yourself, while having fun, and being committed to collaborative learning

– a strong interest in sustainability, climate change, urbanism, infrastructure and community

– a desire to learn more about all aspects of research

– a willingness to step outside of your comfort zone, learn about yourself, and challenge your world views