RESEARCH FUNDING

- õO cpci g surface water quality under climate change conditions to improve resiliency of Southeast Vgzcuö'Egpvgt 'hqt 'T gukdgpe { .''&47.222. 'Qin Qian (PI), Xianchang Li (co-PI), 09/01/2024-08/31/2025.
- õHnqf and Surface Water Quality Eqqtf kpckqpö. Center for Resiliency, \$50,000, Qin Qian (PI), Xinyu Liu (co-PI), 09/01/2023-08/31/2024.
- 3. õQr vko k kpi "Kpvgtpgv'qh Things (IoT) Ecosystem through LoRaWAN cpf "Gf i g'Eqo r wkpi .ö"Egpvgt" for Resiliency, \$50,000, Bo Sun (PI), **Qin Qian** (co-PI), Jing Zhang (co-PI), Thinesh Selvaratnam (co-PI), 12/1/2023-08/31/2024.
- 4. õEqcuxci'Uqelqmi lecn-Ecological Restoration Group -Year Three (CSERG-3): On-going Initiatives, Ecr celx{"Dwkrf kpi ."cpf "VzF QV"I KY Y "Uwf { .ö"Egpyt "hqt "Tgukrlgpe{ ."&6: .833."O cwj gy "R0'J qej " (PI), Elizabeth Silvy (co-PI), Garrick Karden (co-PI), Zhe Luo (co-PI), Xingya Liu (co-PI), John McCollough (co-PI), Qin Qian (co-PI) 12/1/2023-08/31/2024.
- 5. õGpj cpekpi "tgukkgpeg"qh"gpgti {"cpf"y cvgt"uwr r n{"kphtcuxtwewtgu"cmpi "y g"Vgzcu"Eqcuv'ci ckpuv" catastrophic coastal flooding through integration of climate-informed adaptation uxtcvgi kguö. NOAA-48OAD-SG-2022-2007298, \$499,492, **Qin Qian** (PI), Helen Lou (co-PI), subcontract from Texas Sea Grant \$105,000, 02/01/2023-12/31/2026.
- 6. õTqdww' cpf " Tgrkcdrg" KqV-based Wireless Sensor Networks for Environmental Monitoring Infrastructure Tgrkdgpe {ö. Center for Resiliency, \$49,303, Bo Sun (PI), Qin Qian (co-PI), Jing Zhang (co-PI), Thinesh Selvaratnam (co-PI), 10/1/2022-08/31/2023.
- õEqcucnSociological-Ecological Restoration Group (CSERG) & Pilot Project: North Pleasure Island Reconstruction Eqpulpicularity. Center for Resiliency, \$50,977, Matthew P. Hoch (PI), Elizabeth Silvy (co-PI), Garrick Karden (co-PI), Zhe Luo (co-PI), Xingya Liu (co-PI), John McCollough (co-PI), Qin

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- 18. õY cvgt"S wcrk\{"Gxcnvc\qp"qp"P gej gu"Tkxgt"Y cvgtuj gf "Wr untgco "wukpi "Y ktgrguu"Ugpuqt"P gwy qtmu" cpf " F ggr " Ngctpkpi " P gwtcrl" P gwy qtmö" Egpvgt" hqt" Kppqxc\qp." Eqo o gtekcrk\ c\qp" cpf " Commercialization (CICE), Bo Sun (PI), Jing Zhang (co-PI), Qin Qian (co-PI), \$4000, 05/01/2021-09/30/2021.

19.

3. 4.	õHktuvPlace Cy ctf ö for Faculty Sponsor in Undergraduate Research Expo, Lamar University, 2016. õRt gukf gpvkcnFaculty Hgmqy uj kr uö :nation/Subtype/Footer>BDC /Artifact BMC EMC q232.61 34.704 129.143Qq-5 1 271

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- Conference of Recent Trends in Geotechnical Geo-Environmental Engineering and Education (RTGEE), September 10-11, 2020, Virtual conference.

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- 15. Qin Qian,

PROFESSIONAL SERVICE

International Activities:

- 1. Board Member of Chinese American Water Resources Association (CAWRA), 06/2020~current.
- 2. Co-organizer and executive consultative committee member: The 19th Mainland-Taiwan Environmental Protection Conference (MTEPC), May 17 22, 2019, Tianjin, China.
- 3. Co-organizer and executive consultative committee member: The 18th Mainland-Taiwan Environmental Protection Conference (MTEPC), *Nov* 10-15, 2017, Taipei, Taiwan.
- 4. Ex-Officio of Overseas Chinese Environmental Engineers and Scientists Association (OCEESA), 2019
- 5. Co-chair of geometric design and drainage design section for the World Transport Convention, Beijing, China, 2017, 2018, 2019.
- President of Overseas Chinese Environmental Engineers and Scientists Association (OCEESA), 2018
- 7. Vice President of Overseas Chinese Environmental Engineers and Scientists Association (OCEESA), 2017.
- 8. Co-editor of special issue: õy cygt quality modeling and monitoring in renguö. for journal of "water", 2017, https://www.mdpi.com/journal/water/special issues/water quality lakes#editors
- Director of Overseas Chinese Environmental Engineers and Scientists Association (OCEESA), 2015~2017.

National Activities:

- 10. Mentor, NSF Mentoring Institute for Sediment Transport (MIST) for Early Carer Professionals, 2023
- 11. Board member of Chinese American Water Resources Association (CAWRA), 05/2021~current
- 12. National Council Member of Chinese Institute of Engineer/USA, 2016~2018
- 13. Committee Member of ASCE Groundwater Hydrology Committee, 2013~ current

State/regional Activities:

- 14. Technical Advisory Committee, Texas General Land Office, 2021~current
- 15. Provided consult service to assist local community on flood mitigation assessment for University of Texas at San Antonio funded by Community Development and Revitalization program from Texas General Land Office, 2019
- 16. Technical Assistant of the Technical Advisory Panel for the Research Management Committee 5 (RMC-5) of the Texas Department of Transportation (2008~current)
- 17. Board Member for the Gulf Coast Recovery and Protection District (2011).
- 18. Judge