

Global Engagements with Asia*
- current projects in India and Cambodia

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Current Funded/Collaborative Projects in Asia

A. Cambodia – USAID funded project through US National Academies

- **PEER** (Partnerships for Enhanced Engagement in Research)
- **Title:** Irrigation and nutrient management for improving smallholder vegetable production in Battambang, Cambodia
- **PI:** Dr. Nareth Nut, Agric & Biosystems Engr Dept, Royal University of Agriculture
Collaborator; Project Dates: June 2022 – June 2023

B. India

1. **USDA-FAS** Funded Project: Scientific Exchange Program –Climate Smart Agric.
Project Dates: October 2021 – September 2024
2. **Study Abroad Program** for 12 students from GB Pant University, India to ISU
– The World Bank Funded, PI: Shelly Taylor – 2022/2023
3. **Canadian Govt Project** on Wastewater Treatment (ended in 2021)
 - Advising 2 PhD students funded by the project as Co-Major Professor
 - have resulted in 5 refereed journal research papers plus 2 more in the process
 - resulted in 3 patents

Past International Projects with Asia: on global engagement

- 1. Uzbekistan:** 1994-98, USAID: **\$198,000** – water quality training programs to water professionals in Uzbekistan and countries affected by drying up of Aral Sea.
 - study abroad program for 10 ISU students; 10 Uzbek students at ISU for 1 semester
- 2. India:** **2** USAID Funded Projects: i) 1998-2000 (\$240,000 ii) 2004-2007 (\$299,000)
India: 4 USDA-FAS Borlaug Fellows mentored from ICAR
India: 1996-2006: UP Sodic Soil Reclamation Project: World Bank Funded
India: ICAR Education Capacity Building Project: World Bank Funded
 - 35 India research came to Iowa State University (15 -60 days program)
 - ~ 30 Iowa State faculty/administrators travelled to India for leadership programs
- 3. Myanmar: World Bank Project Project:** Helped on irrigation systems
- 4. Thailand: Royal Golden Jubilee PhD Scholar's Program, 1996-2016**
 - Appointed Science Advisor to the President of Khon Kaen University for three years
 - Co-Advisor for 2 PhD students; organized international symposia
- 5. Vietnam: 2005-2011: US-Vietnam Education Foundation**
 - Major Professor for 2 PhD and 1 MS student; organized international conferences

Visited Royal University of Cambodia to help Initiate the PEER Project; gave invited presentations at COTEVA, FFL Conferences (June 25-30, 2022)



Sustainable Systems In Cambodia

(Would be great to develop ISU Study Abroad Program in Cambodia)

អង្គការវិទ្យាសាស្ត្រ
ខ្មែរ

Phnom Bakheng Structural Repair and Conservation Project

មេសាវាជ្វាធរអប្សរា
ព្រះពិភពលោក
វិទ្យាស្ថានប្រាសាទ

*A Cooperative project
of APSARA Authority
and World Monuments Fund
for the Kingdom of Cambodia*

គាំទ្រ និងអនុវត្តគម្រោងជួសជុលបន្ទាន់
ពេលវេលា ការថែទាំវិទ្យាសាស្ត្រសំណង់ប្រាសាទ
ព្រះពិភពលោក ការសិក្សាវិទ្យាសាស្ត្រប្រាសាទ
ប្រាសាទនៅជុំវិញប្រាសាទព្រះពិភពលោក។

Initiated in 2004 to address urgent conditions and carry out emergency repairs, the project has expanded to encompass site documentation and planning, stabilization and long-term conservation, and visitor management. The work has included studies focused on archaeological research, hydrology, and the brick shrines surrounding the main temple.

គម្រោងការបរិស្ថានសម្រាប់ និង
ឆ្នាំ ២០១៣ និង ២០១៤ គម្រោងការបរិស្ថាន
សម្រាប់ប្រាសាទខ្មែរ។ មូលនិធិប្រើប្រាស់ដោយ
Ralph E. Ogden Foundation និង
Save Our Heritage។ នៅក្នុងគម្រោងព្រះពិភពលោក
និងសម្រាប់ ។ មកដល់បច្ចុប្បន្ននេះ ការសន្យា
១០.០០០ ដុល្លារអាមេរិក។

Initial funding for the project was provided by the United States Department of State and American Express. In 2008, 2011, 2013, and 2015 the U.S. Department of State contributed substantial funding to support new phases of work. Additional funds have been provided by World Monuments Fund through the Ralph E. Ogden Foundation and the Robert W. Wilson Challenge to Conserve Our Heritage. Throughout the project, APSARA and WMF have contributed funding, personnel, and materials. The total financial commitment to date has been more than \$4,500,000.



Century Tree 11th Temple in Siem Reap, Cambodia

