

## **Strategic Plan of Asian Association for Agricultural Engineering (AAAE) – December 2023**

### **AAAE Vision**

*To be one of the leaders of agricultural engineering profession in Asia for sustainable food, water, energy, environmental, and climate systems.*

### **AAAE Mission**

*To advance and promote agricultural engineering professional societies of Asia for the food, energy, and water security of Asia.*

### **AAAE Goals and Strategies**

**Goal 1: To help form a consortium of professional societies of agricultural engineering in Asia and promote the role of the agricultural engineering profession in Asia and the world.**

- **Strategy 1.** Partner with all agricultural engineering societies in Asia to form a consortium of professional societies and promote the value and visibility of agricultural engineering profession in solving food, water, energy, environment, and climate change problems in Asia and the world.

**KPI 1.** Sign MOUs with 3 Asian Professional Societies by Dec. 31, 2023

**KPI 2.** Sign MOUs with another 3 Asian Professional Societies by Dec. 31, 2024

- **Strategy 2.** Facilitate interaction of members across geographical and disciplinary boundaries.

**KPI 1:** Establish State-of-the-art-website by October 1, 2023

**KPI 2:** Organize one AAAE international Conference by July 1, 2024

**Goal 2: Increase AAAE membership to 1,000 by 2028 by cultivating a thriving professional relation and engagements with other agricultural engineering professional societies in Asia.**

- **Strategy 1.** Provide value and a range of opportunities at all career stages for AAAE members to excel in academia, industry, government, and civic society.

**KPI 1.** Establish AAAE Awards and recognize AAAE members with these awards at AAAE International Conference on May 22-24, 2024, in Bangkok, Thailand).

- **Strategy 2.** Promote building relationships and engagements among AAAE members. **KPI 1:** Organize one *international conference and one specialty symposia* in Asia by July 2024 to show AAAE's growing visibility in Asia and the world.

**KPI 2:** Organize one AAAE International Conference every two years in an Asian country along with that country's annual agricultural engineering conference.

**KPI 3:** Organize one to two annual international symposia on emerging topics of agricultural engineering to benefit its members.

**KPI 4.** Develop industry sponsored training programs for AAAE members on emerging topics such as "climate resilient water, food, and energy systems".

**Goal 3: Position AAAE as the preferred agricultural engineering society in Asia for technical consultancy in agricultural (food, water, biological, machine, digital) systems.**

- **Strategy 1.** Demonstrate value of AAAE to its current and future members (by encouraging/engaging members through AAAE *website* and *monthly newsletters*).

**KPI 1.** Initiate AAAE monthly newsletter to connect with AAAE members (send the first newsletter by December 31, 2023).

**KPI 2.** Recognize deserving AAAE members with AAAE Awards and highlight member's achievements in monthly newsletters, and AAAE website.

- **Strategy 2.** Strengthen AAAE's leadership in emerging global issues by preparing *white papers* on topics such as AI, Digital Agriculture, Climate Change etc. and share these white papers on AAAE website.

**KPI 1.** Prepare at least one white paper a year beginning 2024.

## **Appendix 1**

### **1. AAE Fellow Award - Highest Honor**

AAAE Fellow will be a member of unusual professional distinction, with outstanding and extraordinary qualifications and experience in the field of agricultural, food, or biological systems engineering. AAAE Fellows possess a minimum of 20 years of active practice in the profession of engineering in industry, government, academia, international organizations, NGOs, and in civic society, and an active Member in AAAE. AAAE Fellow awards will be limited to no more than 2% of the annual membership at any given time.

***Early Career Awards** to encourage and recognize AAAE members for their outstanding contributions, leadership, and active involvement in the AAAE. President of AAAE will aggressively pursue individuals, industries, and foundations to endow these AAAE awards. AAAE need to seek industry sponsorships for the following awards on pattern like ASABE.*

### **2. Outstanding Young Educator**

Awarded to a AAAE member under the age of 40 at the time of selection. Honors outstanding teachers/educators in agricultural engineering profession. A plaque or an engraved bronze medallion on a plaque.

### **3. Outstanding Young Researcher Award**

Awarded to a AAAE member under the age of 40 at the time of selection. Honors exemplary research/innovation in agricultural engineering. A plaque or an engraved bronze medallion on a plaque.

### **4. Outstanding Young Industry Leadership Award**

Awarded to a AAAE member under the age of 40 at the time of selection. Honors exemplary service, leadership, and innovation in agriculture related engineering industries. A plaque or an engraved bronze medallion on a plaque.

***Mid-career/Long-term Career Awards** to encourage and recognize AAAE members for their exceptional contributions, leadership, and active involvement in the AAAE. President of AAAE will aggressively pursue individuals, industries, and foundations to endow these AAAE awards.*

### **7. Researcher of the Year Award**

Awarded to an individual above the age of 40 at the time of selection with exceptional performance in research/innovation. A plaque or an engraved bronze medallion on a plaque.

### **8. Industry Leadership Award of the Year**

Awarded to an individual greater than the age of 40 at the time of selection. Honors an innovative leader in industry in Asia. A plaque or an engraved bronze medallion on a plaque.

### **9. Excellence in International Engagement Award**

Awarded to an AAAE member above the age of 40 at the time of selection and honors members for their leadership and service in industry, research, education, government, and related civic organizations. A plaque or an engraved bronze medallion on a plaque.

**2024 Awards Nomination and Screening Committee:** Establish by January 1, 2024

Award Nominations Due: March 1, 2024

Awardees notified: April 1, 2024