The Institution of

Agricultural Engineers

Founded 1938 – Incorporated 1960

## The Environmental Engineer Award

## David J Cooper

CEng CEnv MIAgrE

David joined his family firm (Agricultural Requisites and Mechanisation – ARM) after completing his second degree, a masters in “Agricultural Engineering” in the early 1960’s. ARM Limited is a privately owned company based in Rugeley, Staffordshire. David took over the position of Managing Director in the mid-1960’s and has held that position ever since.

ARM was established in 1947 as agricultural engineers. Since the 1980s, ARM has specialised in the development and application of natural wastewater treatment systems using constructed wetland technology. David was instrumental in establishing ARM ReedBeds, which is now part of the ARM Group Ltd.

David’s efforts and direction have helped ARM to become the premier exponent of constructed wetland technology in the UK with a global reputation.

David is both a Chartered Engineer and a Chartered Environmentalist. His main focus now, in addition to overseeing the qualified and experienced group of people that constitute the ARM Group Ltd, is to develop new overseas markets for ARM’s products and services.

David is a founder member of the Constructed Wetland Association and Global Wetland Technology. He is well known and regarded on the treatment of constructed wetlands international circuit, receiving the International Water Association, Wetland Systems for Water Pollution Control, Specialist Group Member of Honour in 2014, an award that honours specialist group members for outstanding contributions for the Constructed Wetland Systems.

Over many years, David has committed ARM to undertake research and development, typically involving nearby universities in Knowledge Transfer Partnerships, or through commercial and student based projects, to continually establish new ways of treating wastewaters naturally by investing in trials of new wetland configurations to improve contaminant removal. As a result of these efforts, ARM has developed and introduced new technologies to the UK, including their ground-breaking Forced Bed Aeration™ (FBA™) wetlands system.

All the above makes David a very worthy recipient of the Environmental Engineer Award.