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**Subject:** KING OF PRUSSIA'S UgMO TECHNOLOGIES GET IRRIGATION SYSTEM ACCOLADES IN FLORIDA

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## KING OF PRUSSIA'S UgMO TECHNOLOGIES GET IRRIGATION SYSTEM ACCOLADES IN FLORIDA

Press Release

After installation of a Wireless Soil Monitoring System, Palm Beach Atlantic University in Florida saved about \$20,000 in reduced irrigation water consumption water use volume was reduced by 4 million gallons over a five month period. Ken Kropp, PBAU's grounds manager, said that the amount of savings was "definitely eye-popping". The actual savings have exceeded projections.

The new wireless technology measures temperature and moisture content every ten minutes or so, and when rain causes infiltration, sprinklers will not go on. Water goes on and off only when moisture goes below the optimum level for lawn growth. The grounds manager is so impressed with the system that he has said "This system is like a little brain out there".

PBAU was selected as a test site, because of overall water consumption concerns, in West Palm Beach. PBAU has applied for a variance from the South Florida Water Management District, so that conventional Water District irrigation restrictions, will be replaced in favor of the new "automatically monitored" need-based system, which cuts irrigation water use very significantly. (excerpts by Kevin D. Thompson, Palm Beach Post 2/19/12)

*US home grown technology continues to provide environmental solutions and systems such as this, can offer significant resource management improvements, reducing water consumption, if broadly applied. PBAU is also already working to have 80 percent of the campus monitored by the system, by spring or summer of 2012. The President of UgMO is Don Apruzzese, who can be reached at 484-690-0570. - Gary R. Brown, P.E.*



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