

1067-92-1268

**Kaibin Fu\*** ([kafu@pvamu.edu](mailto:kafu@pvamu.edu)), Department of Mathematics, Prairie View A&M University, Prairie View, TX 77446. *Undergraduate research examples on Mathematical Modeling in Environmental Economics.*

First, we will give a general description on the new UBM program at Prairie View A&M University, a member of HBCU. This new 5-year program is funded by NSF and targets on undergraduate research experiences in biological and mathematical sciences. Then we will give some undergraduate research examples on mathematical modeling, particularly in environmental economics. (Received September 20, 2010)