

## Improved Oven for Reducing Wood consumption for Cooking Purpose

The rising in temperature due to global-warming is harmful to everyone. But, the people of Sundarban will be mostly affected due to this. If the average temperature of the world increases, it will melt the ice of the polar region and eventually the water level of the sea and ocean will increase which compel the deltaic region of Sundarban to go under the water. So, all the residents of Sundarbanshould try to save it at any cost.



Development Research Communication and Services Centre (DRCS), a Non-Govt, non-profit organization has planned under Sundarban Climate Change Adaptation Project to implement such a type of oven which will reduce the use of wood as well as reduce the carbon emission. This climate change mitigation strategy was worked out in a household. The name of the beneficiary is Manashi Shyamal. She lives at Gobindapur Village of Ramganga G.P. in South 24 Parganas district of West Bengal. She is a member of a Mutual Co-operation Group named PiyaliSwanirvarMahila Dal.

Manashi has taken an improved oven which needs electricity to rotate a fan and wood as fuel. She has experienced that it needs only 1.5 kg wood for cooking of one hour. On the

other hand, a conventional oven requires 4 kg wood for same amount of cooking. That means the oven saves 2.5 kg wood per hour and nearly 1800 kg wood in a year.

This oven is helpful to reduce the consumption of wood which implies it can save some existing plants from being used as fuel and also lowering carbon emission. On the other hand, the user will be benefitted during fuel wood scarcity.

Manashi says, "This oven is very helpful to me. It is cheaper than LPG also. Its fuel requirement is very low. I have prepared various types of mango pickle with it. When I am in hurry, I can't think cooking except this oven. A lot of thanks to the SCA project."

There are 14 others who are using this type of oven and reducing carbon emission and indirectly increasing the life span of our world.