

Introducing the Aprovecho Research Center (ARC) Rocket Stove to the Marshall Islands

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The stove being used next to a "normal" open fire from shell is really illustrative. The entire pot of eggs and potatoes for a picnic salad cooked on pieces of 2 or 3 flower spathes (bracts) while the other fire was still being built. The nearly smokeless fire is obvious. The steaming pot shows well right next to the harsh acrid shell smoke Pollution.Junction !!!.

As for the fuel the difference in labor should be noted, Susan simply walked across the yard picking up three "utok" from coconut spathes on the ground and lit them. Juli the young man however had to pick up and haul in a partial bad of nuts. Then they were husked, cracked and the meat cut out. Finally he spend the entire time Susan was cooking just getting his fire going,

Please note Susan is not even using the stove correctly as the pot was just big enough the the skirt fell down the outside of the stove. I believe the skirt is not going to be popular even though I carefully explained its importance and use to hold heat against the pot. Fuel shortage is not an issue here as in some places. Right now I am working our a combination of chopped frond pieces for an XL woodgas stove and then running the midrib sections through the ARC rocket stove. The looks to be a nice usage of what is usually trash that is burned.

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Aprovecho Research Center, Stovtec <http://www.stovetec.net>



Starting the Shell Fire



Shell and Spathe 1



Shell and Spathe 2



Shell and Spathe 3



Adding more shell



And more shell. The Rocket stove is Cooking



Some day the shell fire will be ready.