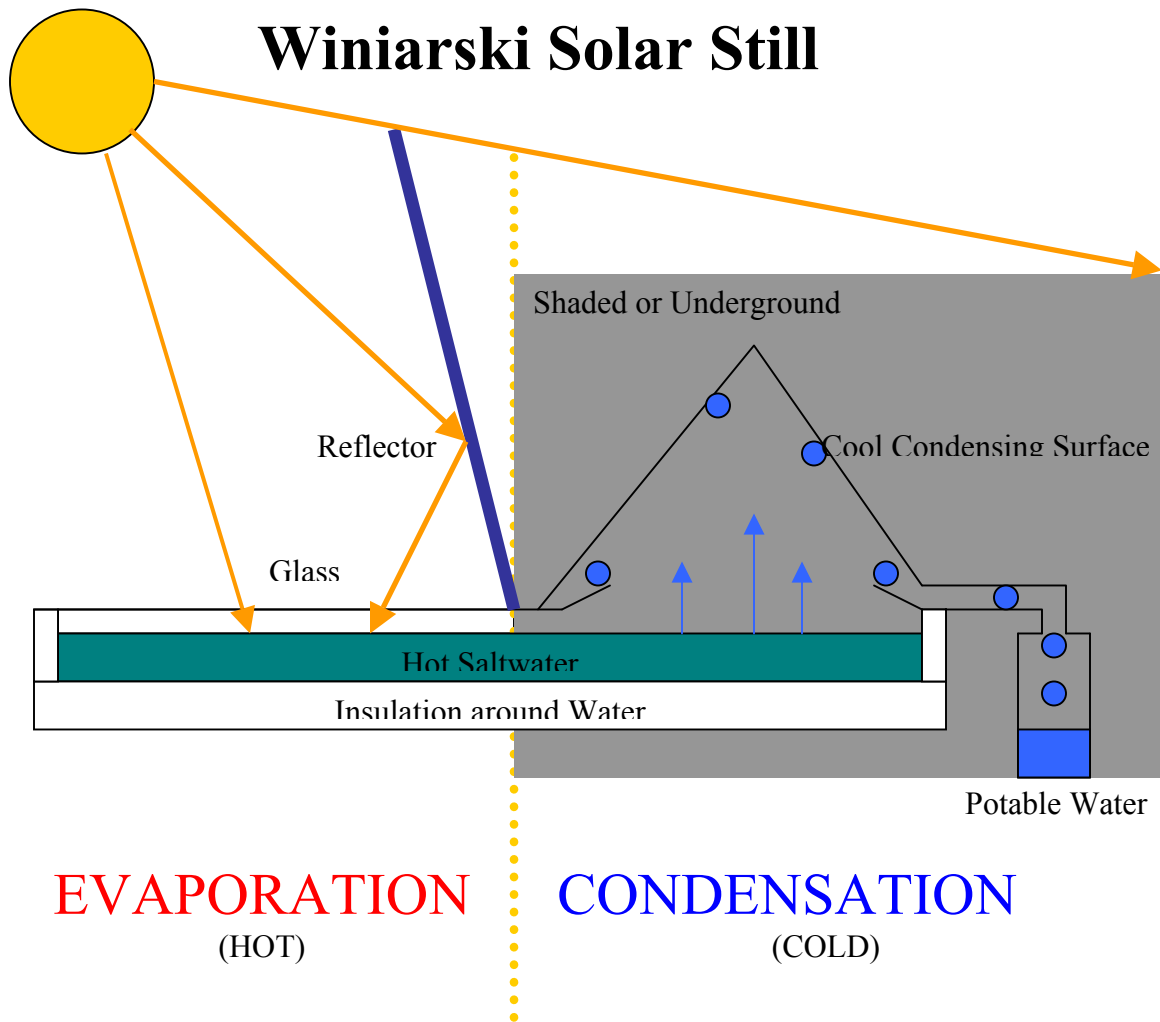




# Aprovecho Research Center

## Advanced Studies in Appropriate Technology

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Dr. Larry Winiarski is the Technical Director of the Aprovecho Research Center. He encourages students to separate functions to achieve efficiency. For example, his Rocket stove is designed to first clean up combustion and then increase heat transfer.

In the same way, Larry separates functions in his solar still. Heat from the sun warms water that then condenses in a cooler region. By encouraging efficient evaporation and condensation, production of fresh water is significantly increased.

The classic problem with solar distillation is that functions are combined. The evaporation and condensation take place in one region where both functions are diminished.