

Make a Wind Sock

You can use a wind sock to find out what direction the wind is coming from. This is very important to know when designing an offshore wind farm.

Toolbox:

- 1 sheet of printer paper (8.5x11)
- 1 plastic grocery bag
- Tape
- Scissors
- Paper puncher (single hole)
- 1 paper clip
- Fishing line
- Magnetic compass



Procedure:

Make the wind sock by following the instructions and referring to the drawing:

1. Fold the printer paper in thirds the long way
2. Roll into a tube and tape
3. Cut handles off the plastic bag
4. Cut long shreds starting at the open end and stopping about 1-2 inches from the bottom of the bag (only need half the bag)
5. Tape shredded bag to paper tube from step 2
6. Using the hole punch, punch 3 equidistant holes in the paper tube
7. Tie fishing line to each of the 3 holes and then tie all to the paper clip
8. Tie fishing line to other end of paper clip – this will attach to the pole you mount the wind sock on (later)
9. When you mount the wind sock also mount the compass (using glue) so that you can tell the direction of the wind

