

## Guidance for running Estuary Example

1. Create a folder on your hard disk (C in this example): C:\est\_example
2. From the ARM website download estexample.zip into est\_example
3. Unzip estexample.zip into est\_example
4. There should be two folders tidalcreek and openwater in est\_example
5. Open the folder tidalcreek
6. Start R
  - a. Option A: Create and Paste a R shortcut into tidalcreek, right click on shortcut, select Properties, and enter directory information into Start In: "C:\est\_example\estexample\tidalcreek" – (use of "" required)
  - b. Option B: Start R, under File pulldown menu select Change Dir, and enter C:\est\_example\estexample\tidalcreek – (w/o "")
7. Under Packages pulldown menu, select load packages, select psurvey.analysis
8. Open tc\_adjustweights.txt, copy all and paste into R
9. R writes the file designstatus.csv into tidalcreek
10. Open tc\_estimation.txt, copy all and paste into R
11. R writes several files to tidalcreek
12. tc\_results contains the cdf plot
13. In R, under File pulldown menu, select Save to File and save the R Console in tidalcreek
14. If desired, compare your results with files in sub-folder tc\_results
15. To continue with openwater:
  - a. Exit R and begin with #5 and folder openwater
  - b. Clear the Console, change directory (6b. Option B), and begin with #8

Two additional files are included in estexample.zip – annotated R text files for adjusting weights and population estimation. Consultation with these files may facilitate changing data files and names to process your survey data.

For additional information, questions, or to provide feedback please contact the Monitoring Design & Analysis Team, through the ARM website  
<http://www.epa.gov/nheerl/arm/contactus.htm> or send email to  
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