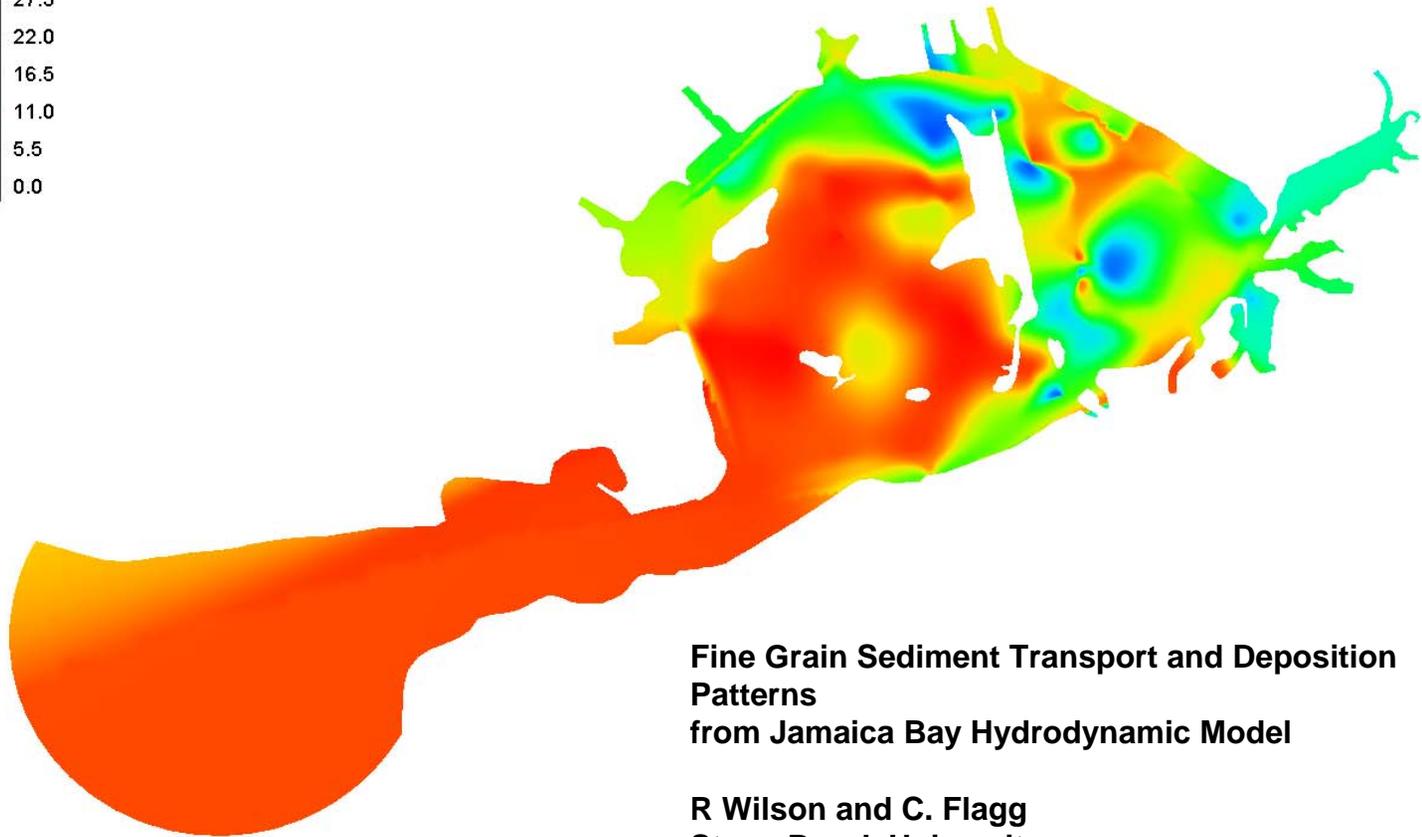
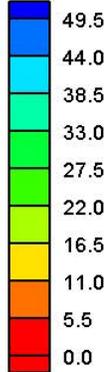


Source: Kolker (2005)

# Observed spatial distribution of clay size class fraction (percent) in bottom sediments input to model

Mesh Module clay



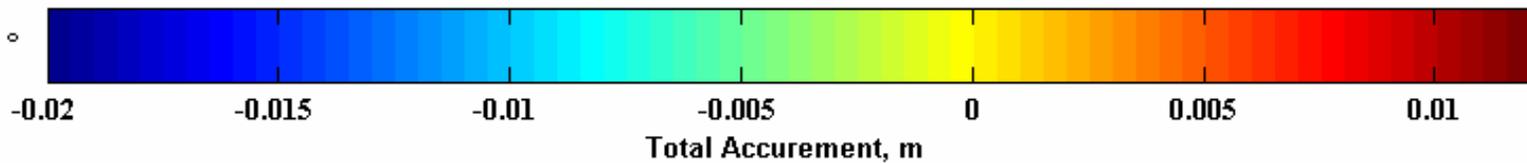
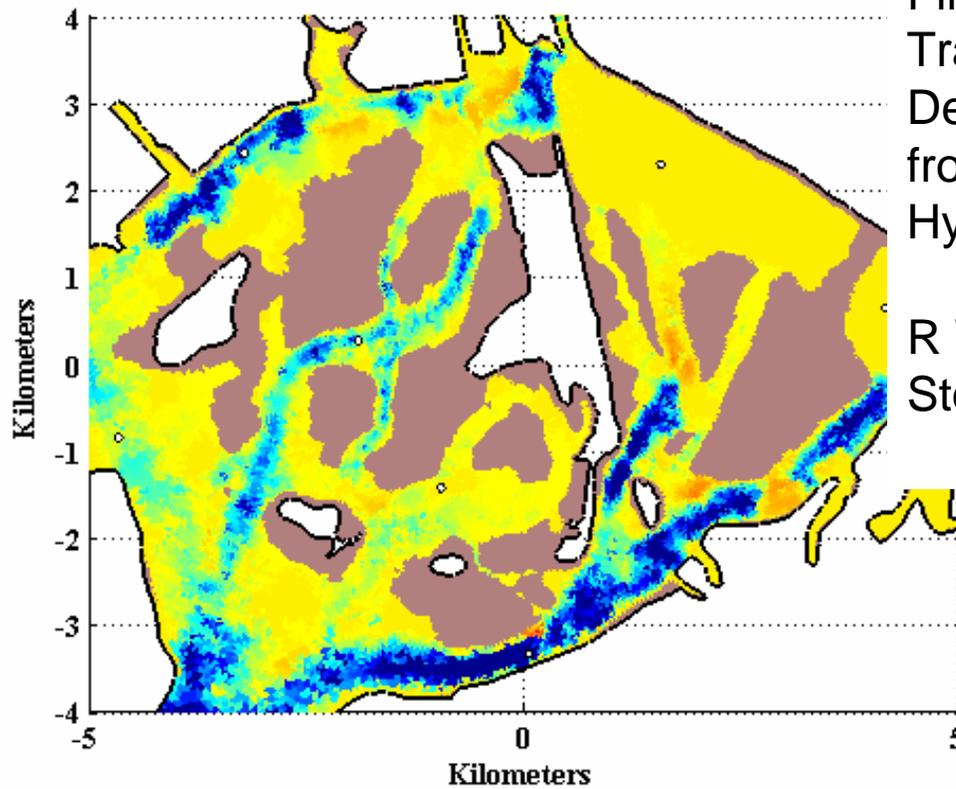
**Fine Grain Sediment Transport and Deposition  
Patterns  
from Jamaica Bay Hydrodynamic Model**

**R Wilson and C. Flagg  
Stony Brook University**

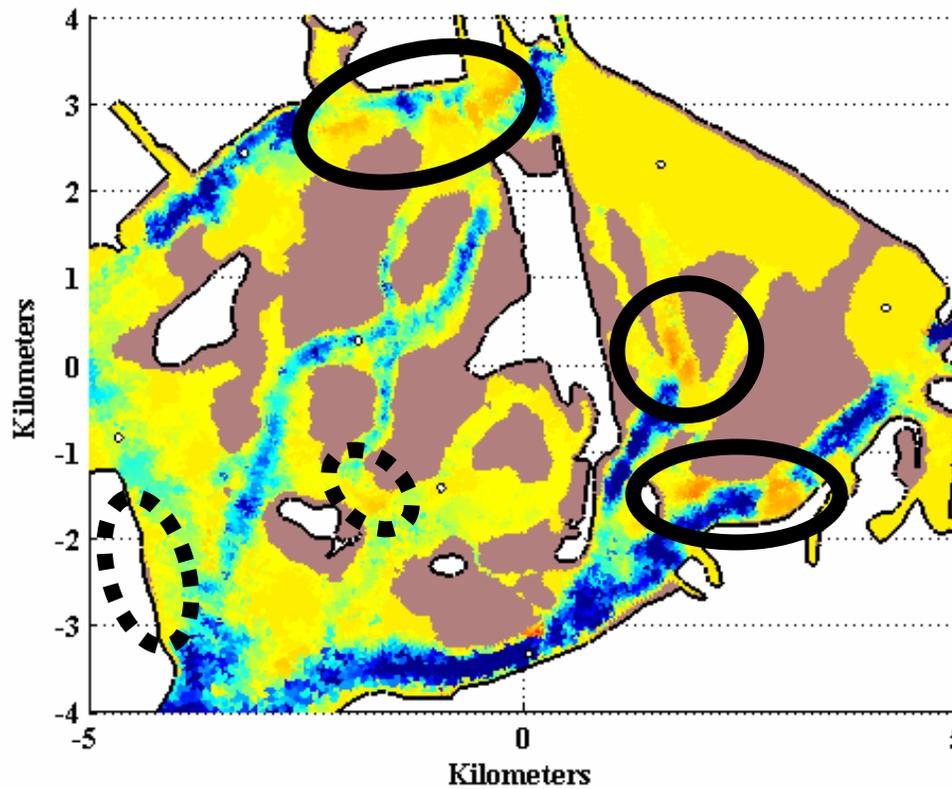
Time: 90.000 hrs

Fine Grain Sediment  
Transport and  
Deposition Patterns  
from Jamaica Bay  
Hydrodynamic Model

R Wilson and C. Flagg  
Stony Brook University

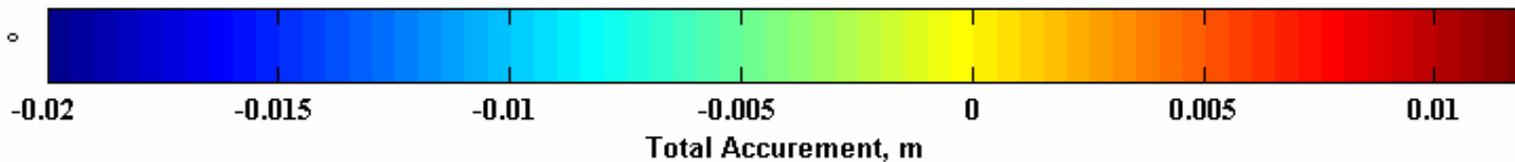


Time: 90.000 hrs



Fine Grain  
Sediment Transport  
and Deposition  
Patterns  
from Jamaica Bay  
Hydrodynamic  
Model

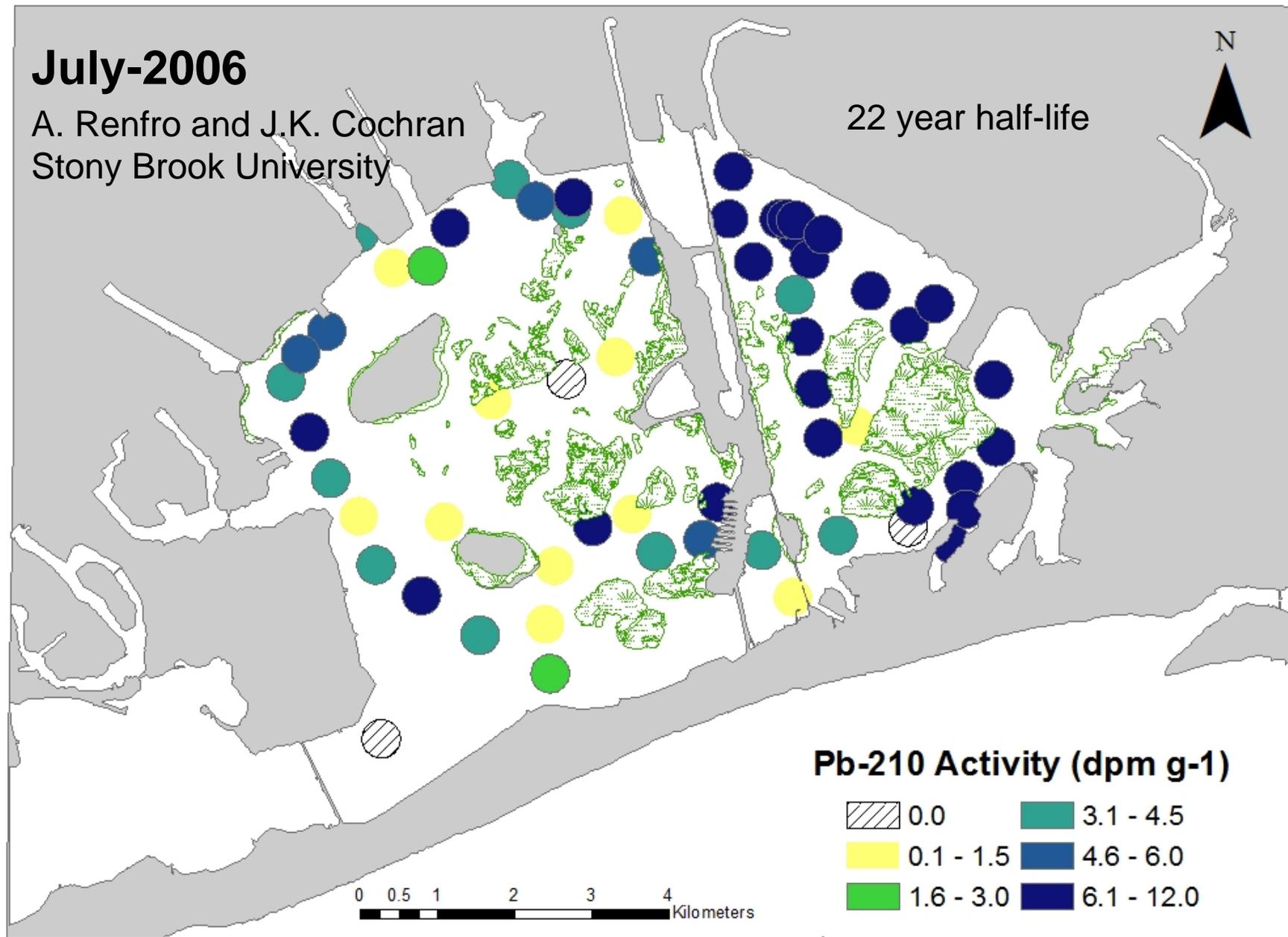
R Wilson and C.  
Flagg  
Stony Brook  
University



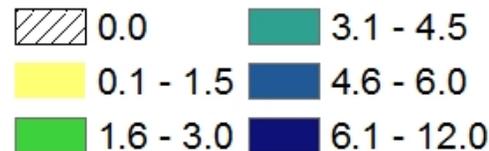
# July-2006

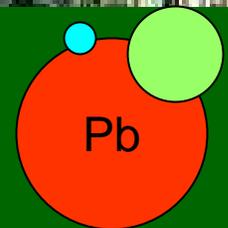
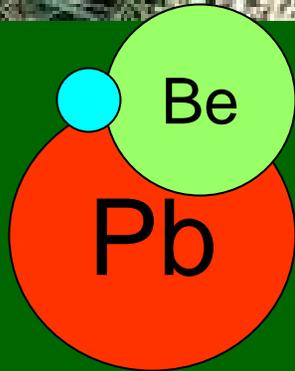
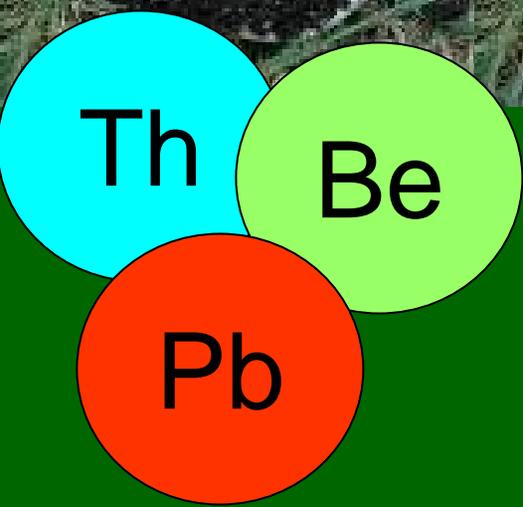
A. Renfro and J.K. Cochran  
Stony Brook University

22 year half-life



**Pb-210 Activity (dpm g-1)**



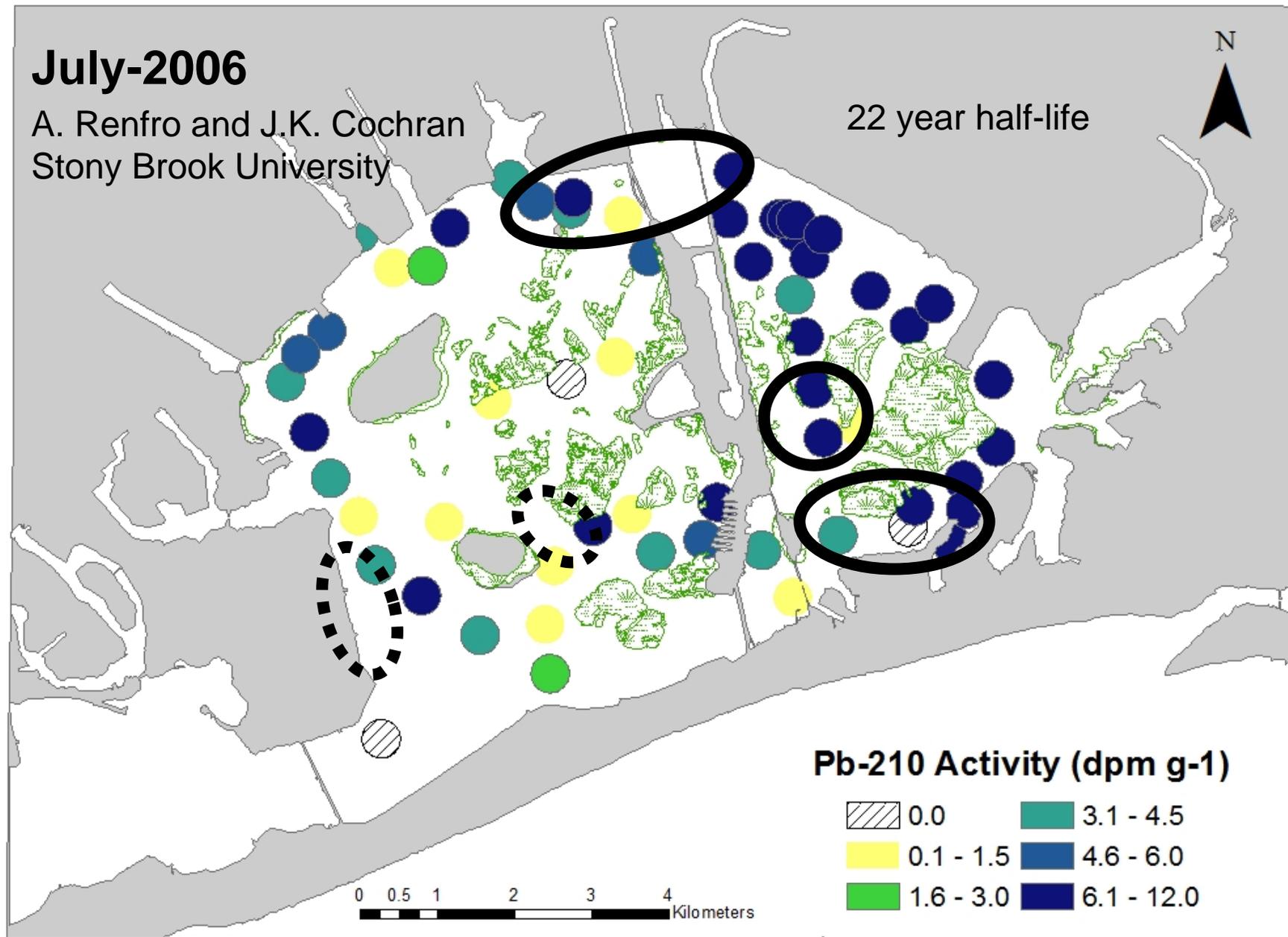


TIME 

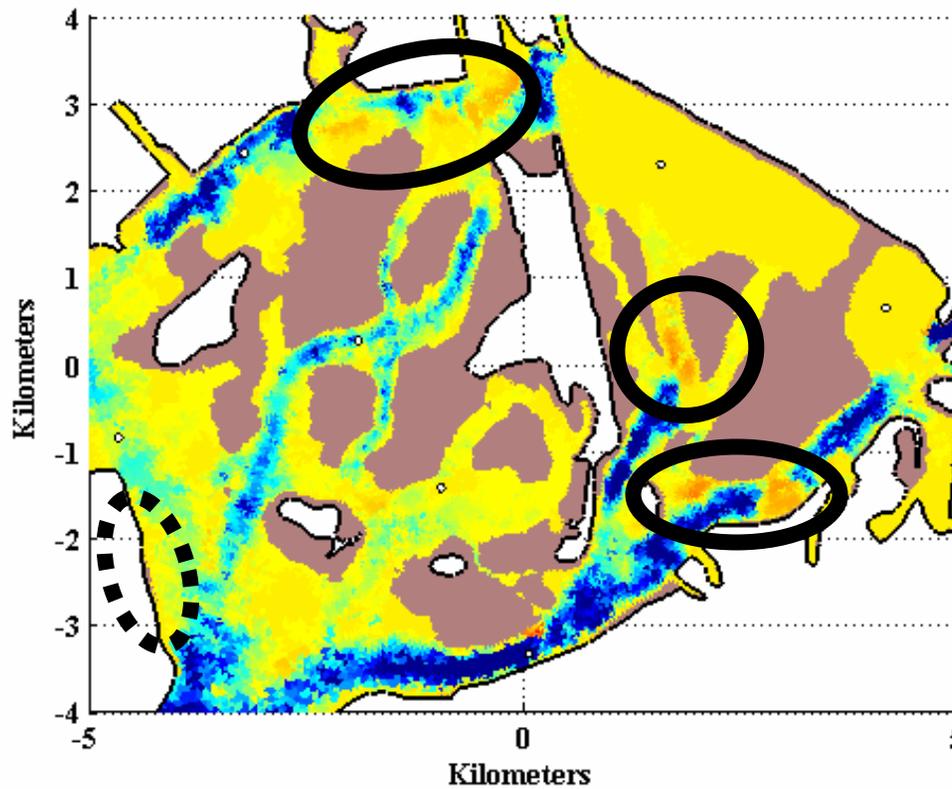
# July-2006

A. Renfro and J.K. Cochran  
Stony Brook University

22 year half-life

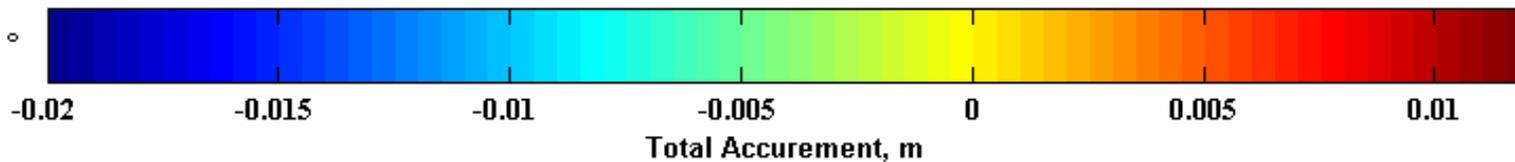


Time: 90.000 hrs



Fine Grain  
Sediment Transport  
and Deposition  
Patterns  
from Jamaica Bay  
Hydrodynamic  
Model

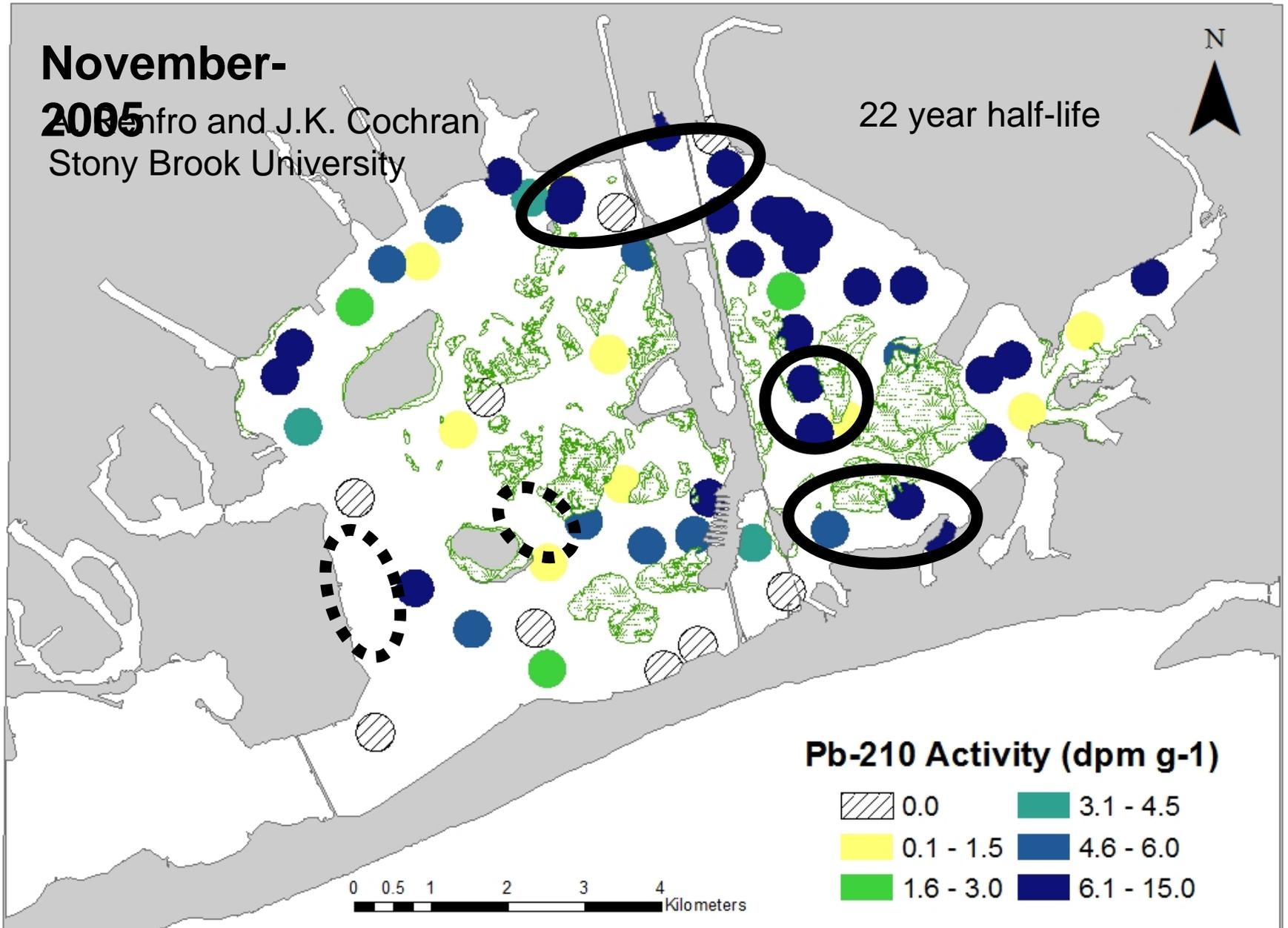
R Wilson and C.  
Flagg  
Stony Brook  
University



**November-**

**2005**  
Benfro and J.K. Cochran  
Stony Brook University

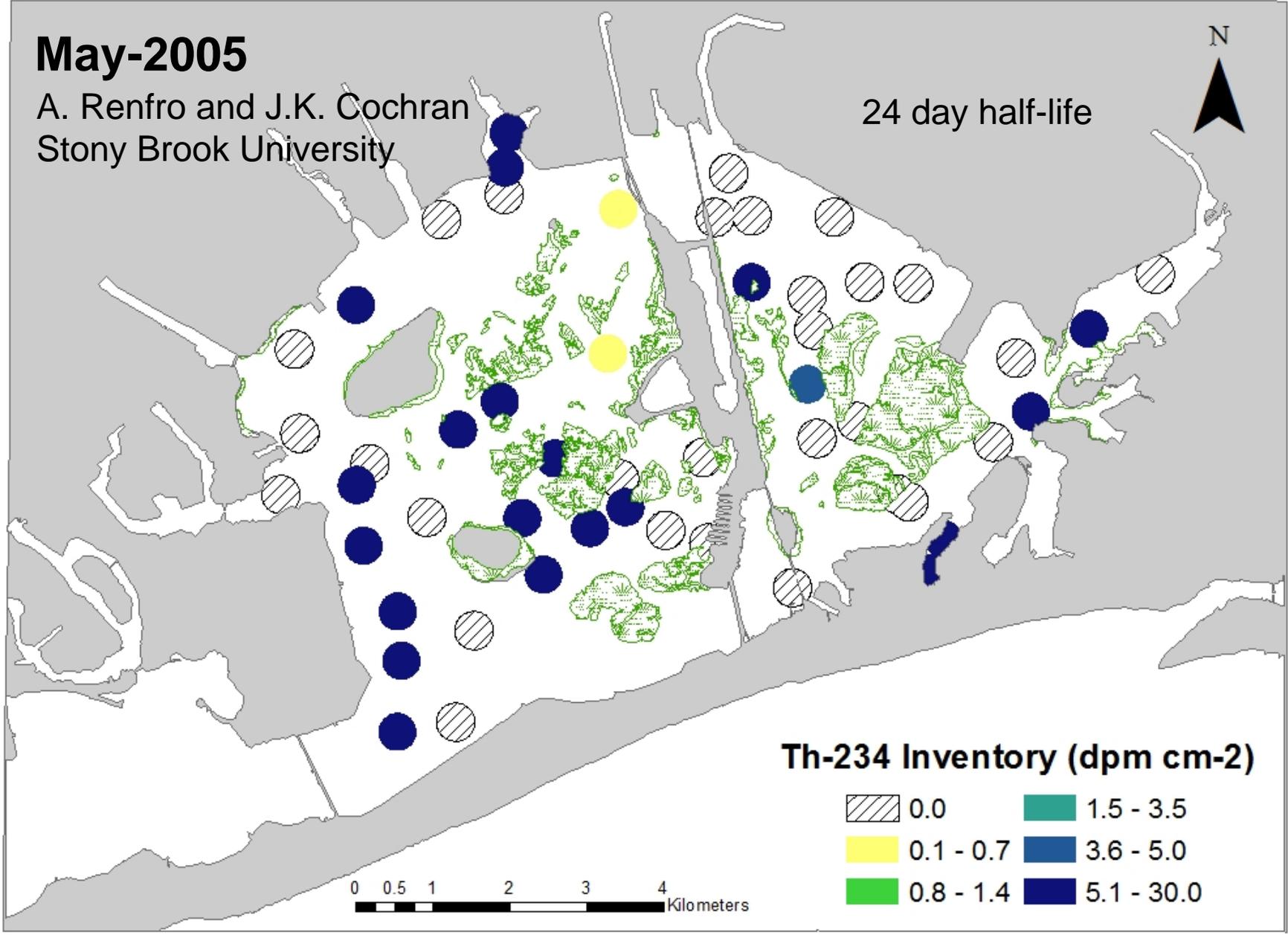
22 year half-life



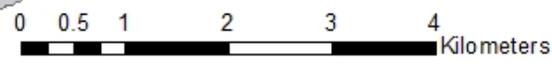
**May-2005**

A. Renfro and J.K. Cochran  
Stony Brook University

24 day half-life



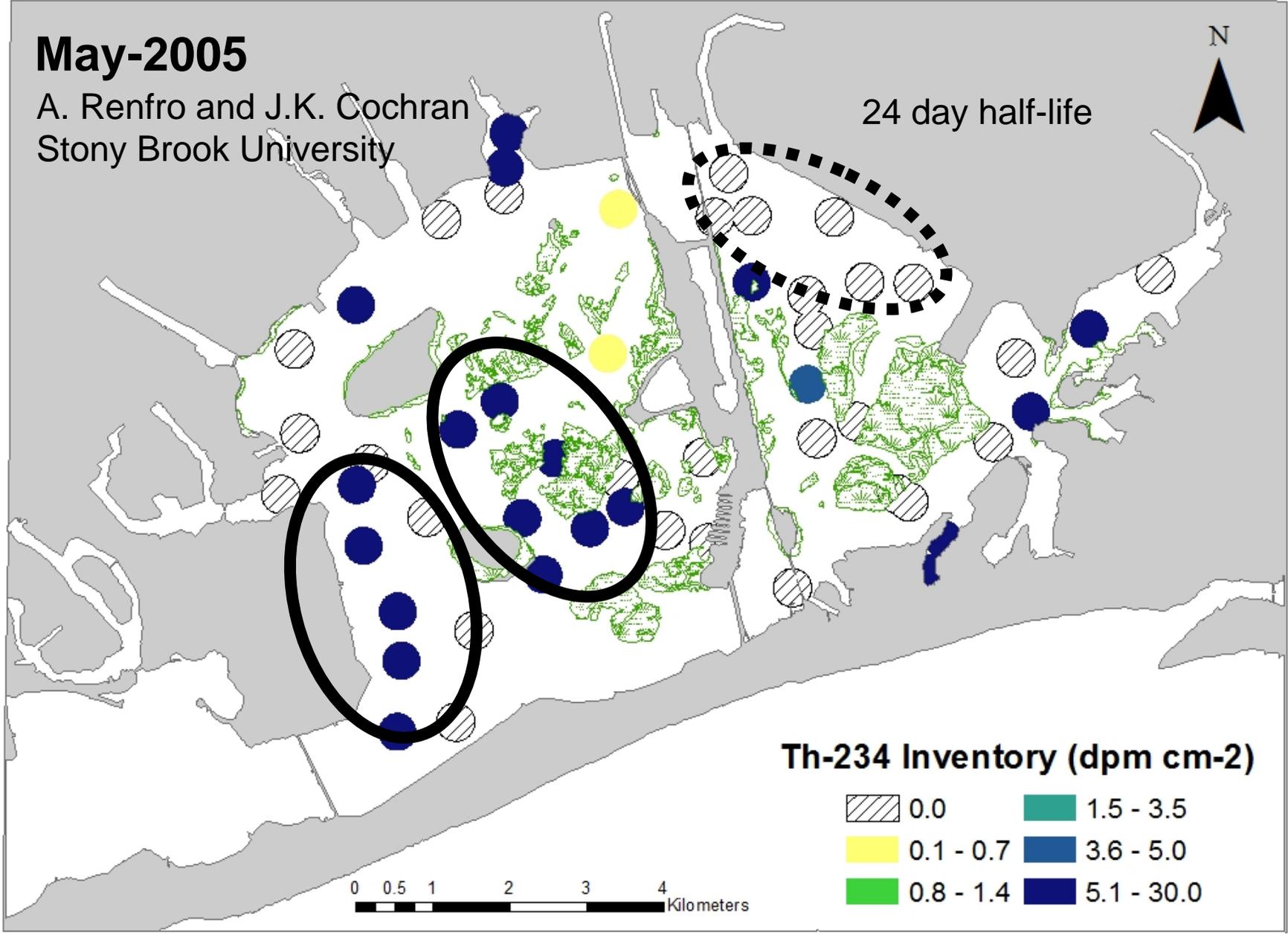
**Th-234 Inventory (dpm cm-2)**



**May-2005**

A. Renfro and J.K. Cochran  
Stony Brook University

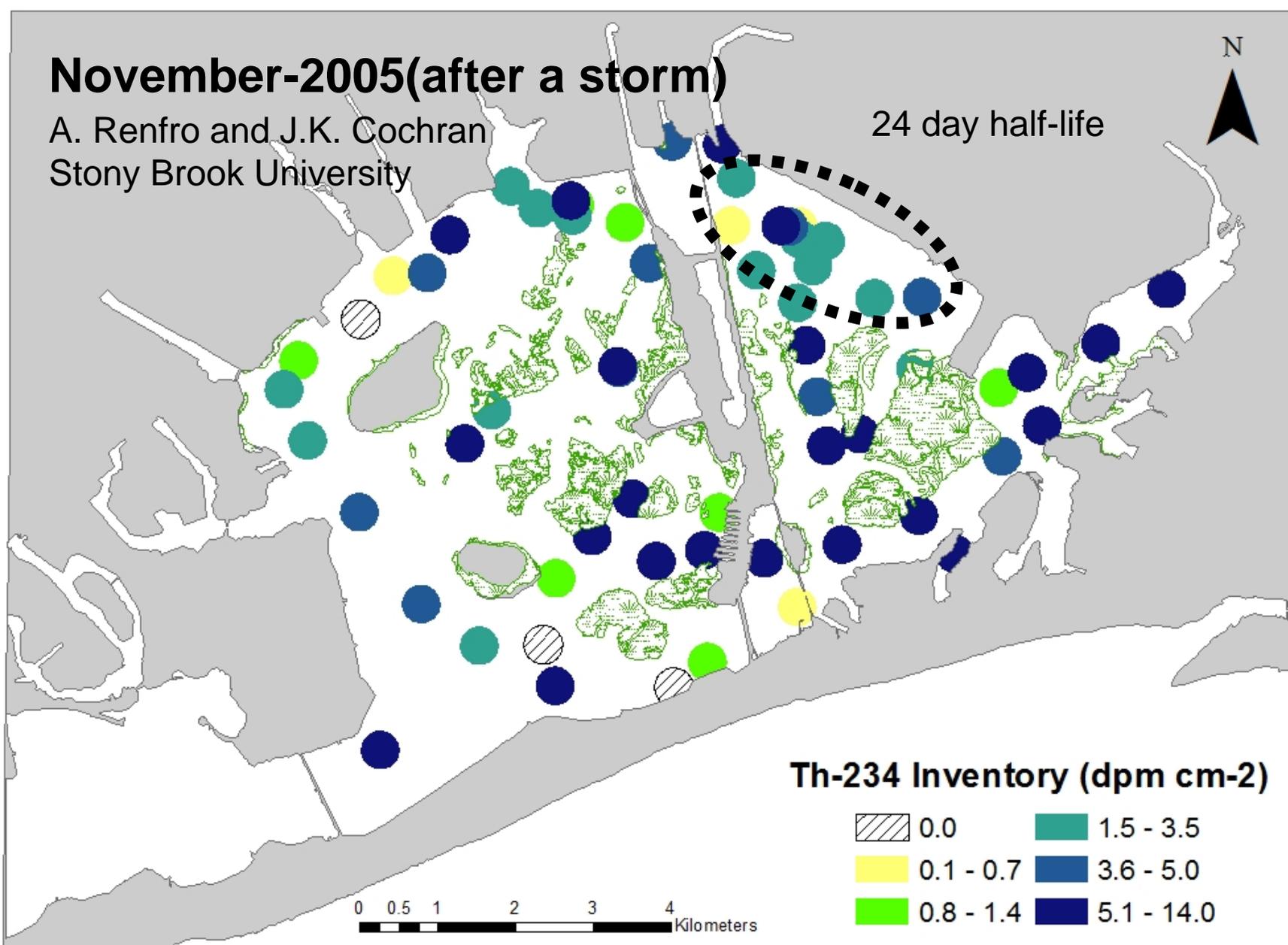
24 day half-life



# November-2005(after a storm)

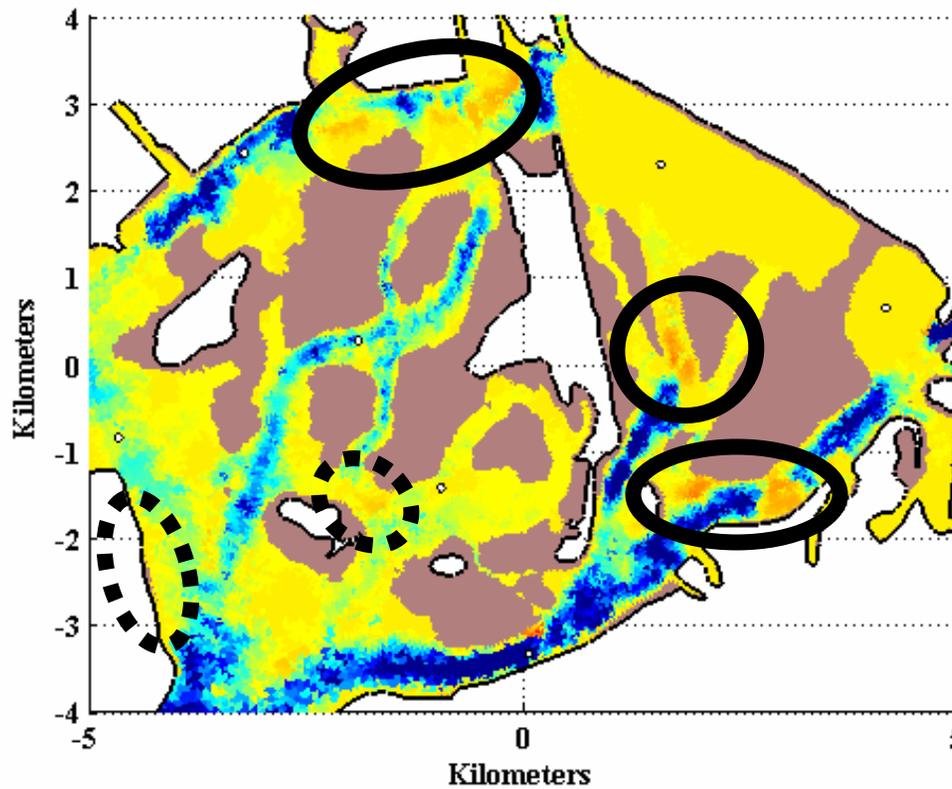
A. Renfro and J.K. Cochran  
Stony Brook University

24 day half-life



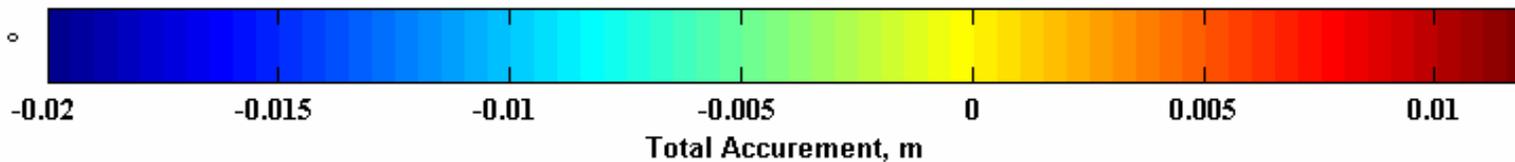
0 0.5 1 2 3 4 Kilometers

Time: 90.000 hrs



Fine Grain  
Sediment Transport  
and Deposition  
Patterns  
from Jamaica Bay  
Hydrodynamic  
Model

R Wilson and C.  
Flagg  
Stony Brook  
University



Non-tidal velocity: Rockaway Pt - Sandy Hook transect: June 1-2, 1995

