



Emma Collins, MS



Philip Ellis, MS, PE



Diana Escoe, MBA



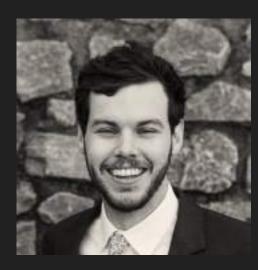
Chris Grose, MS, EIT



Amy Nguyen, MRUD



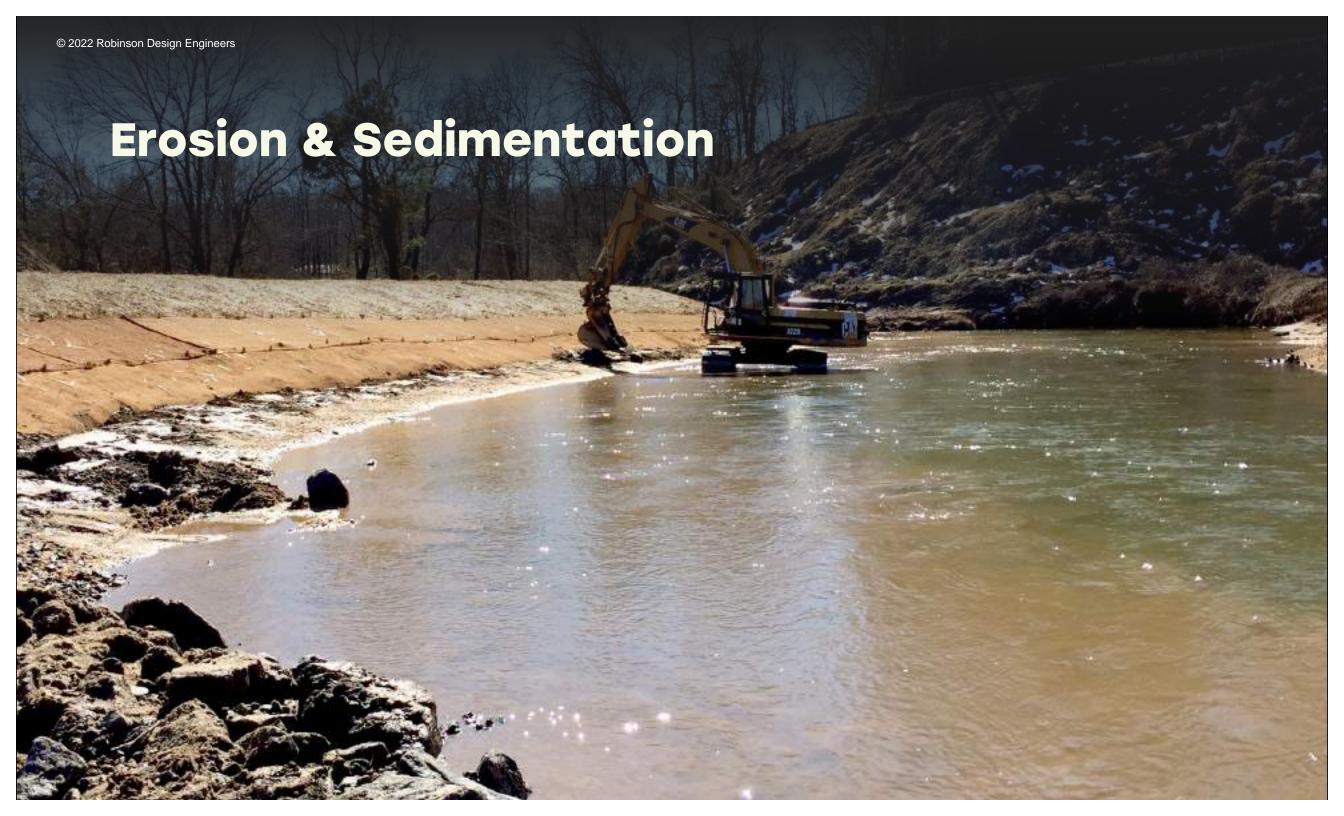
Joshua Robinson, MS, PE Nolan Williams, PE



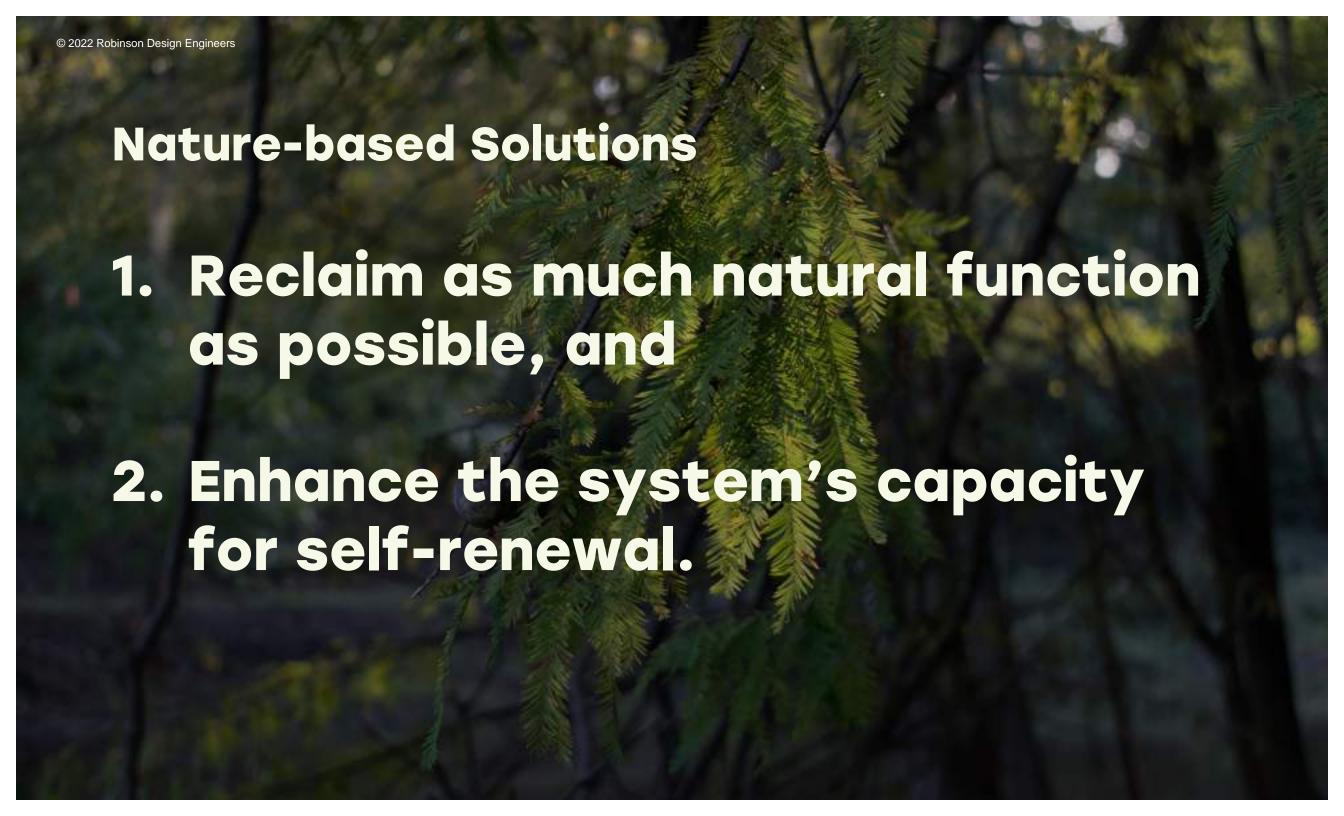








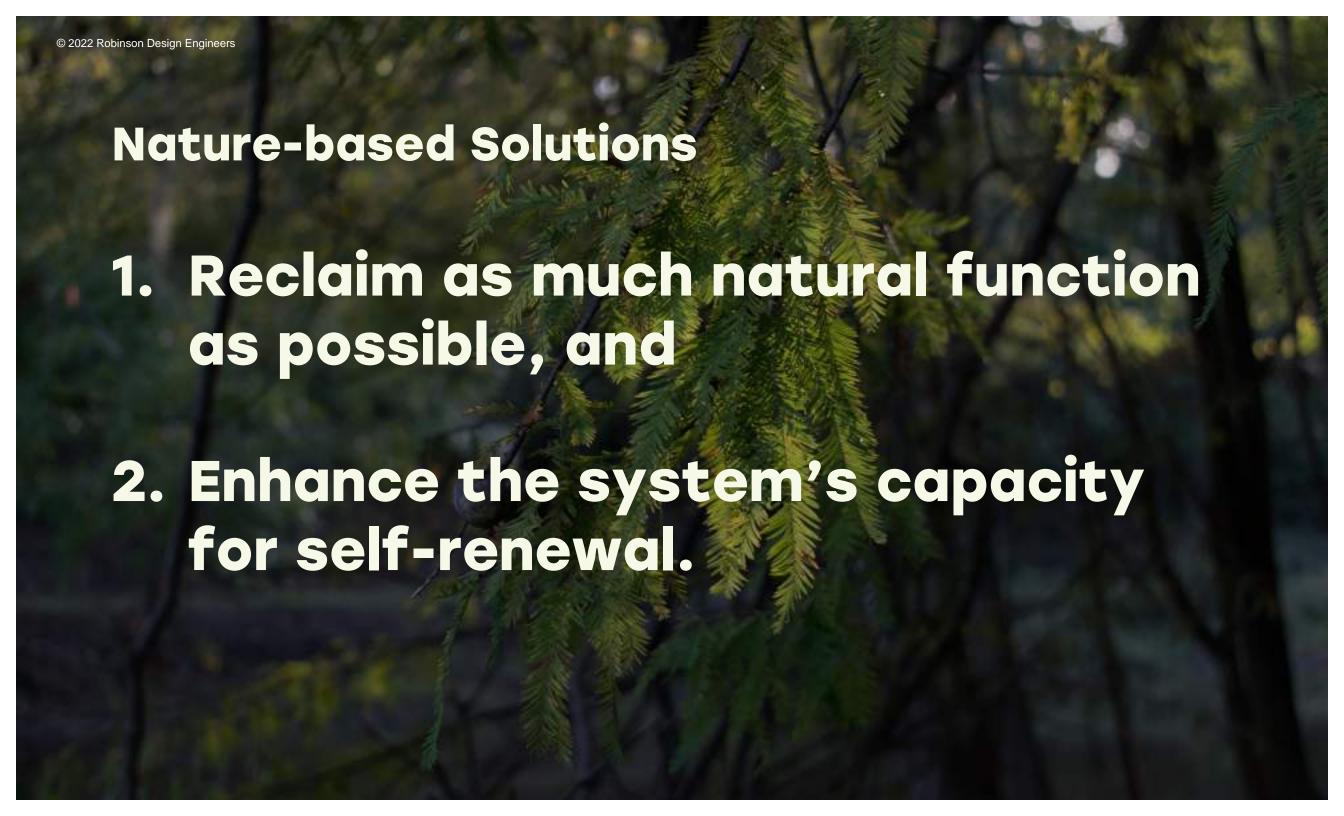


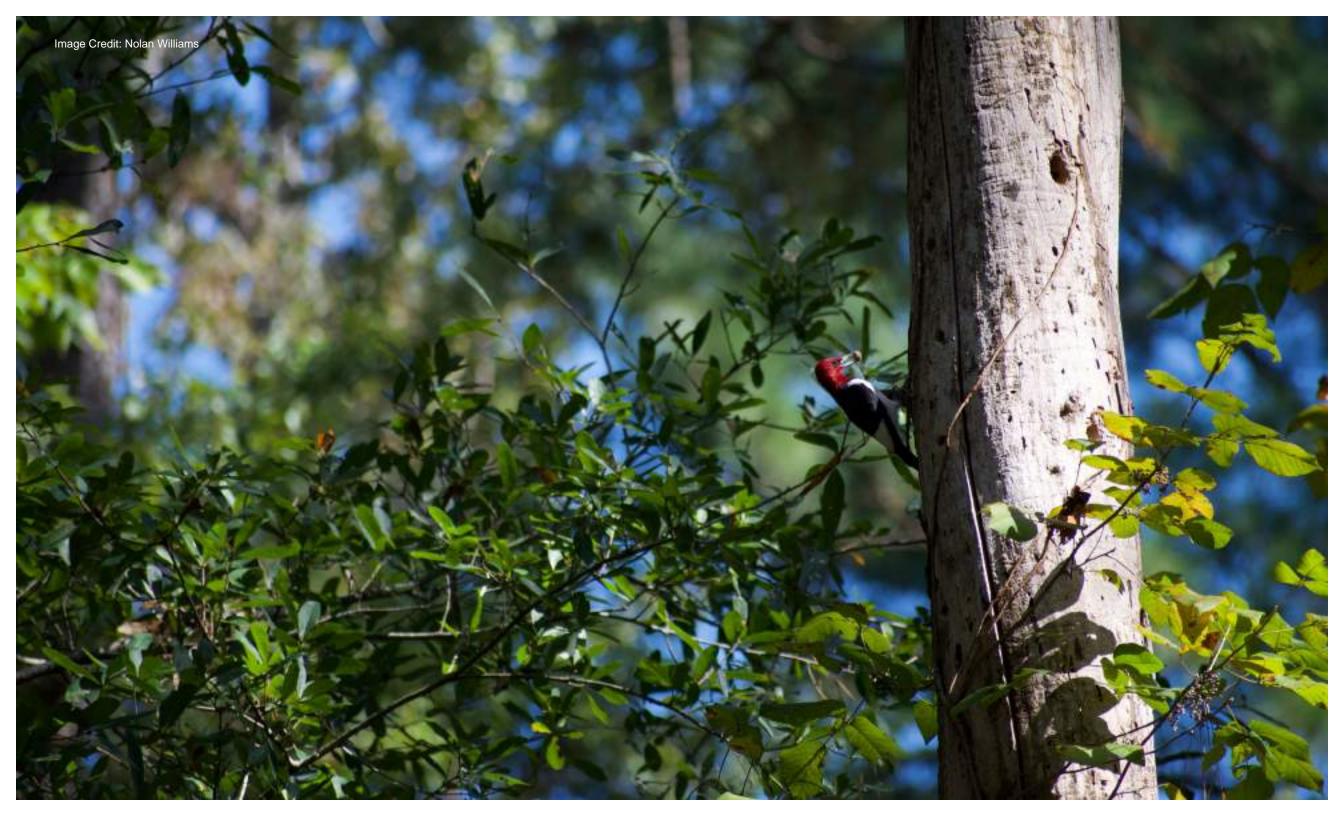


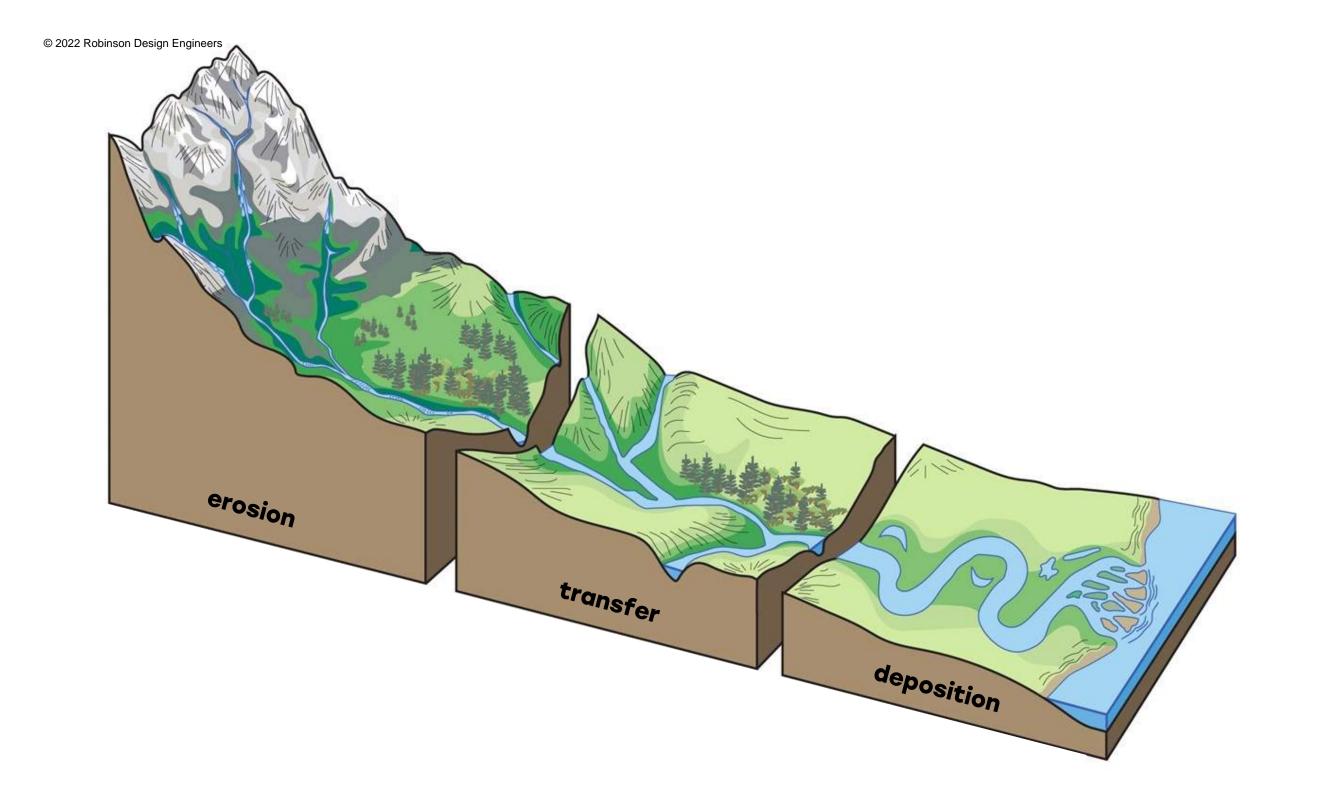


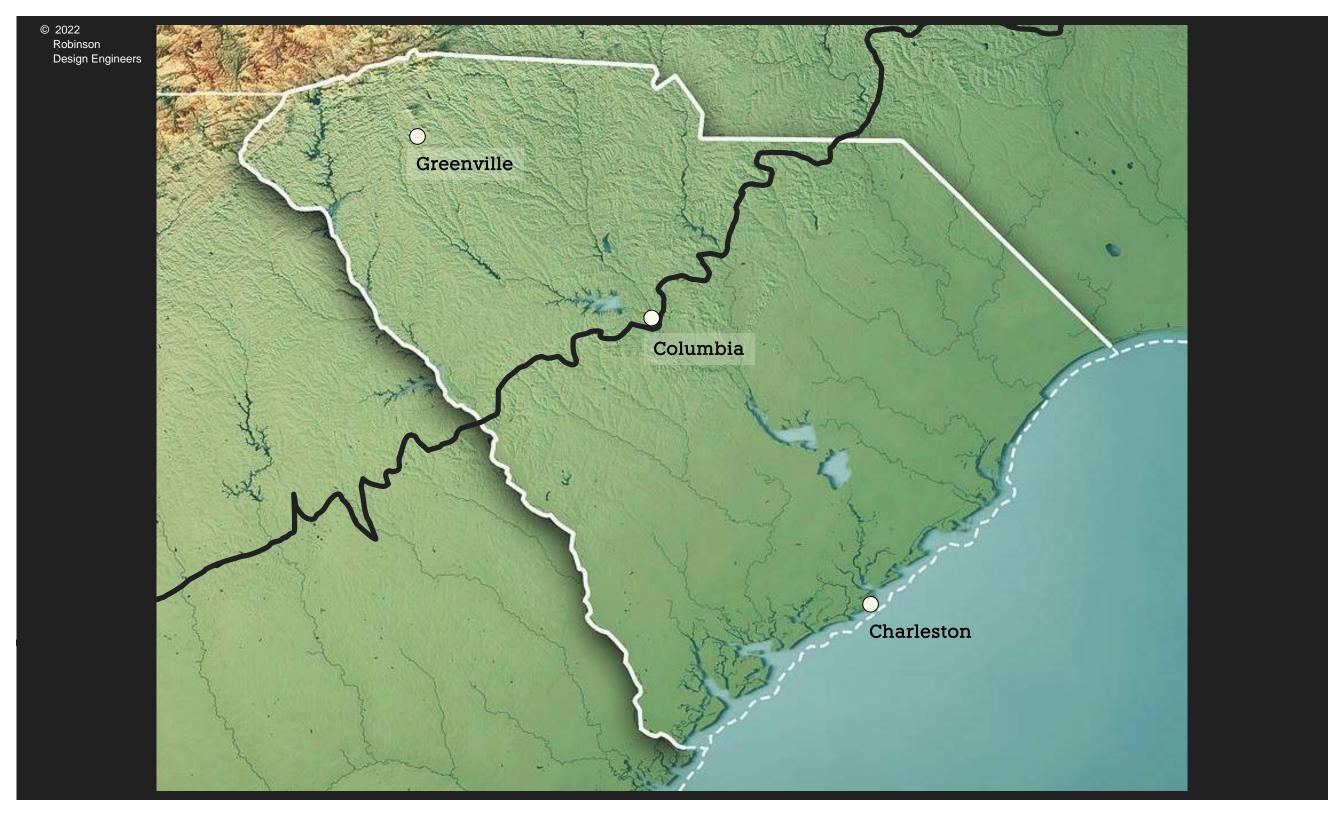


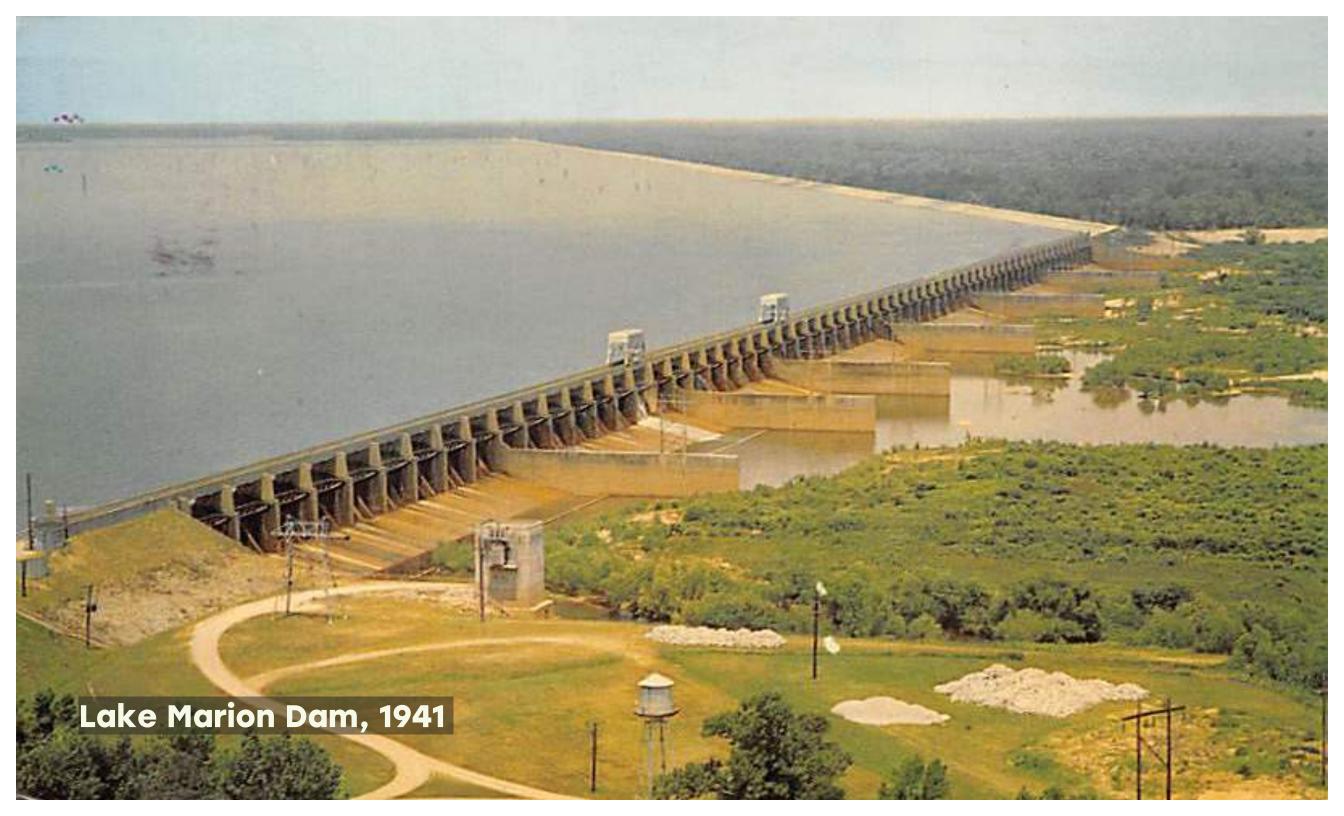










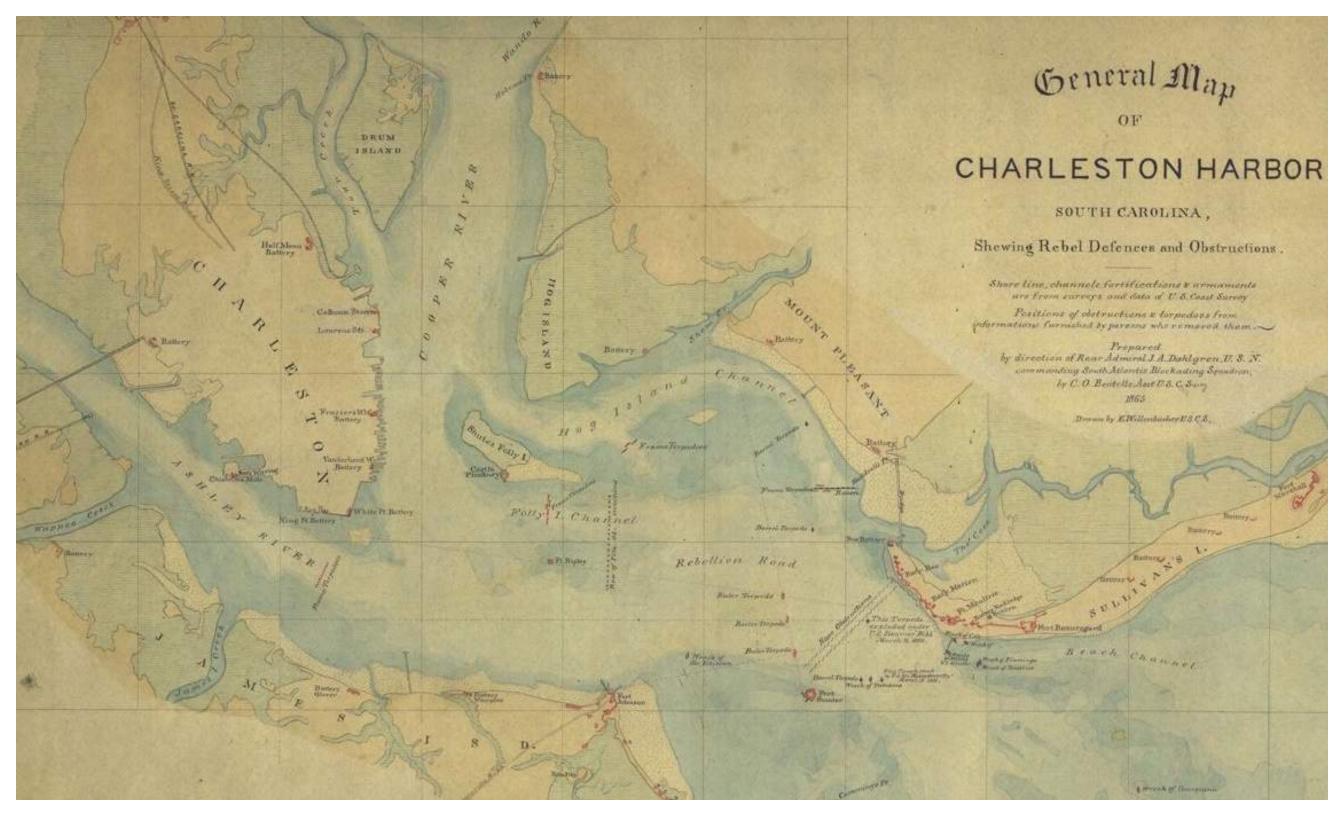


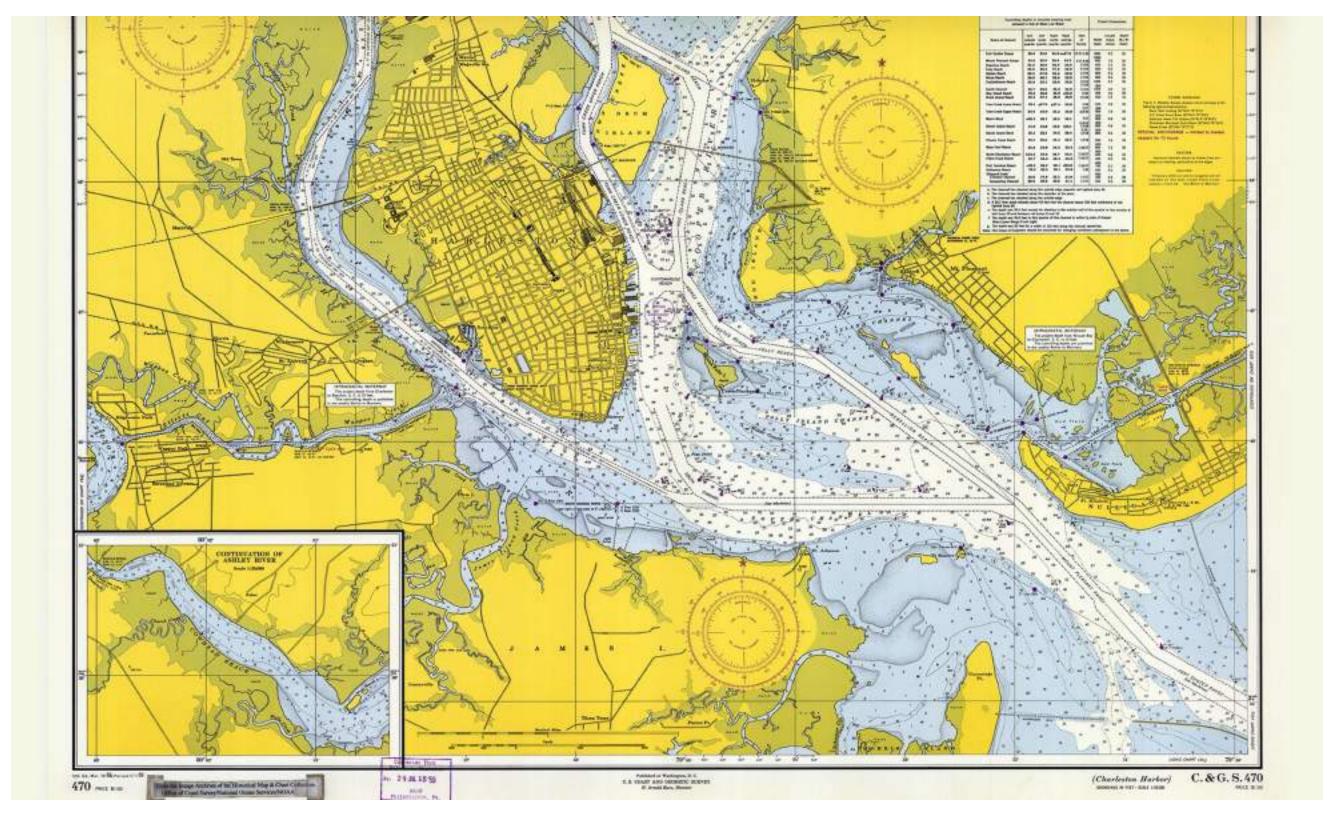








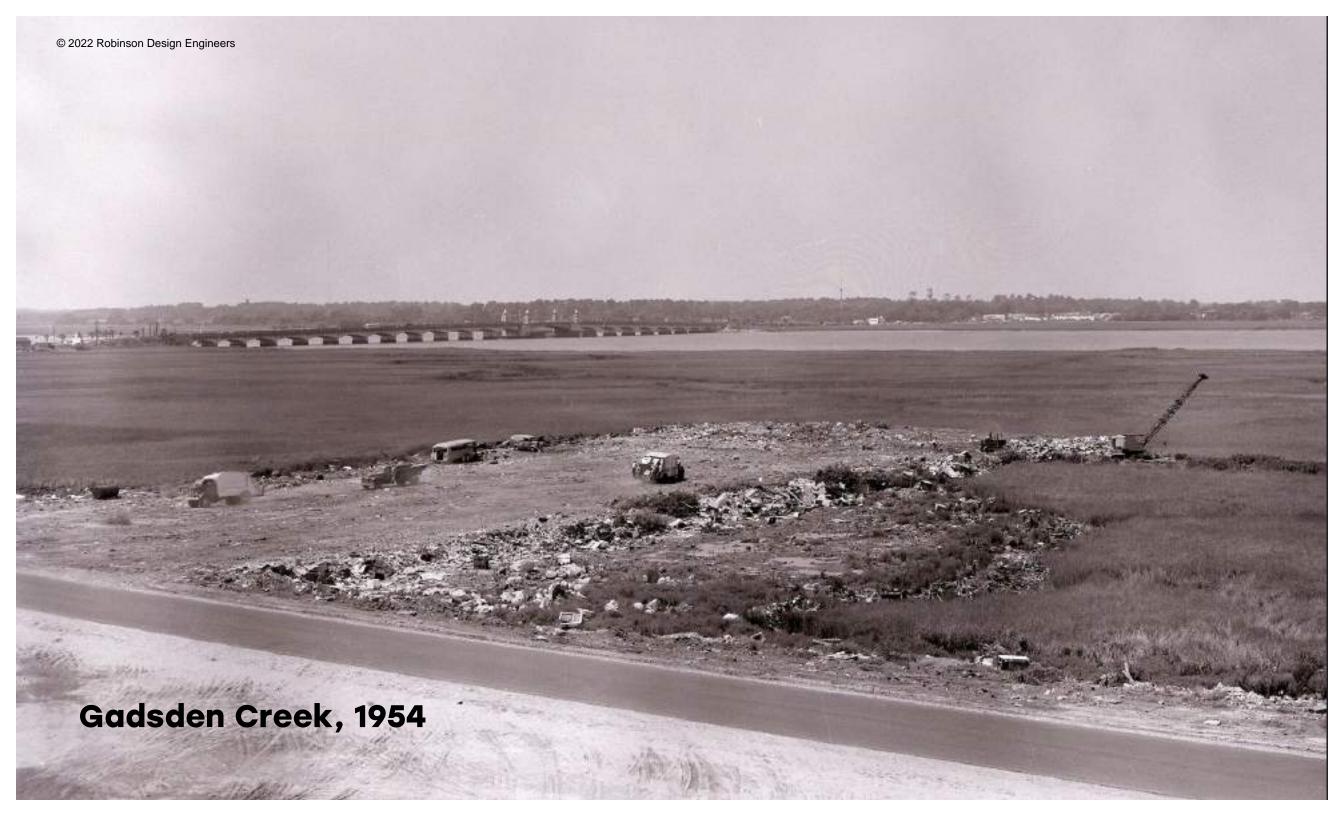




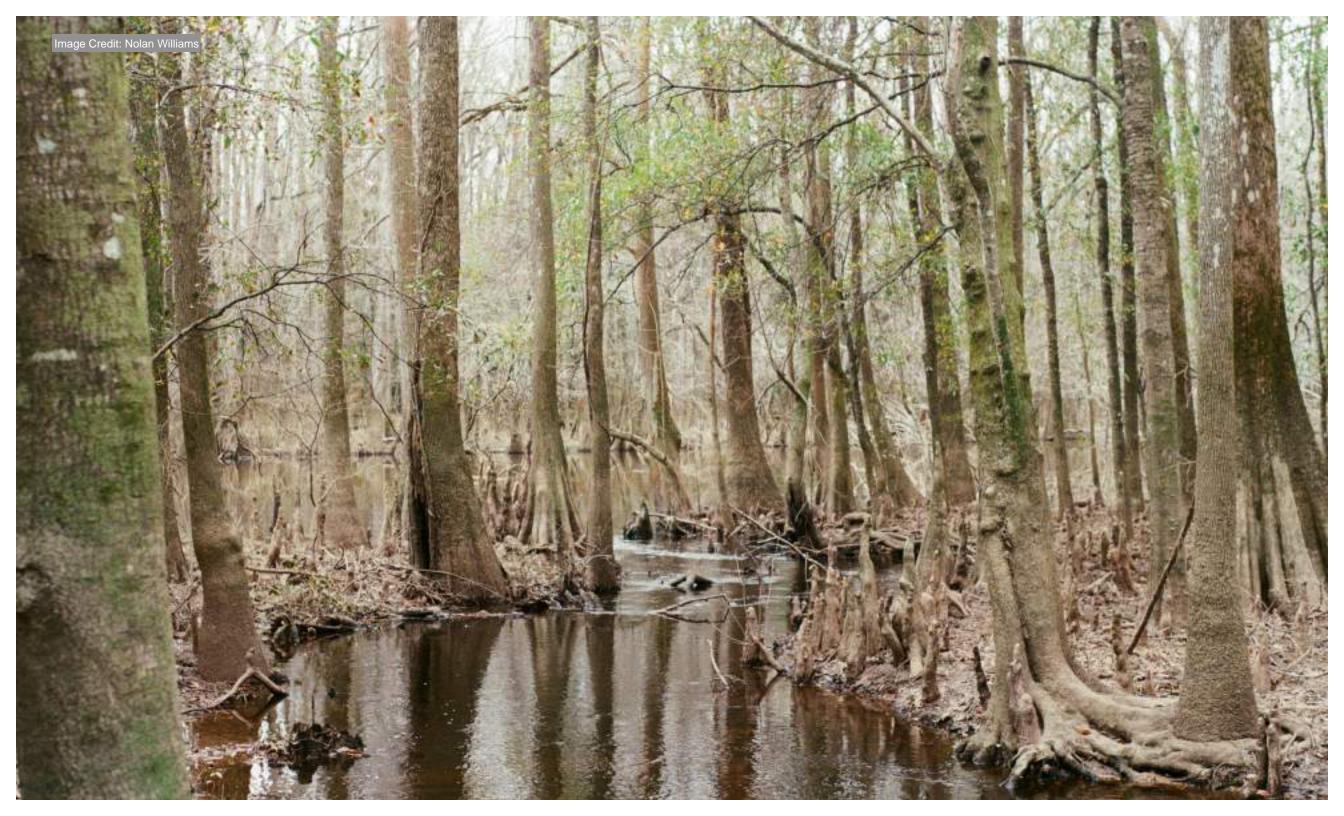






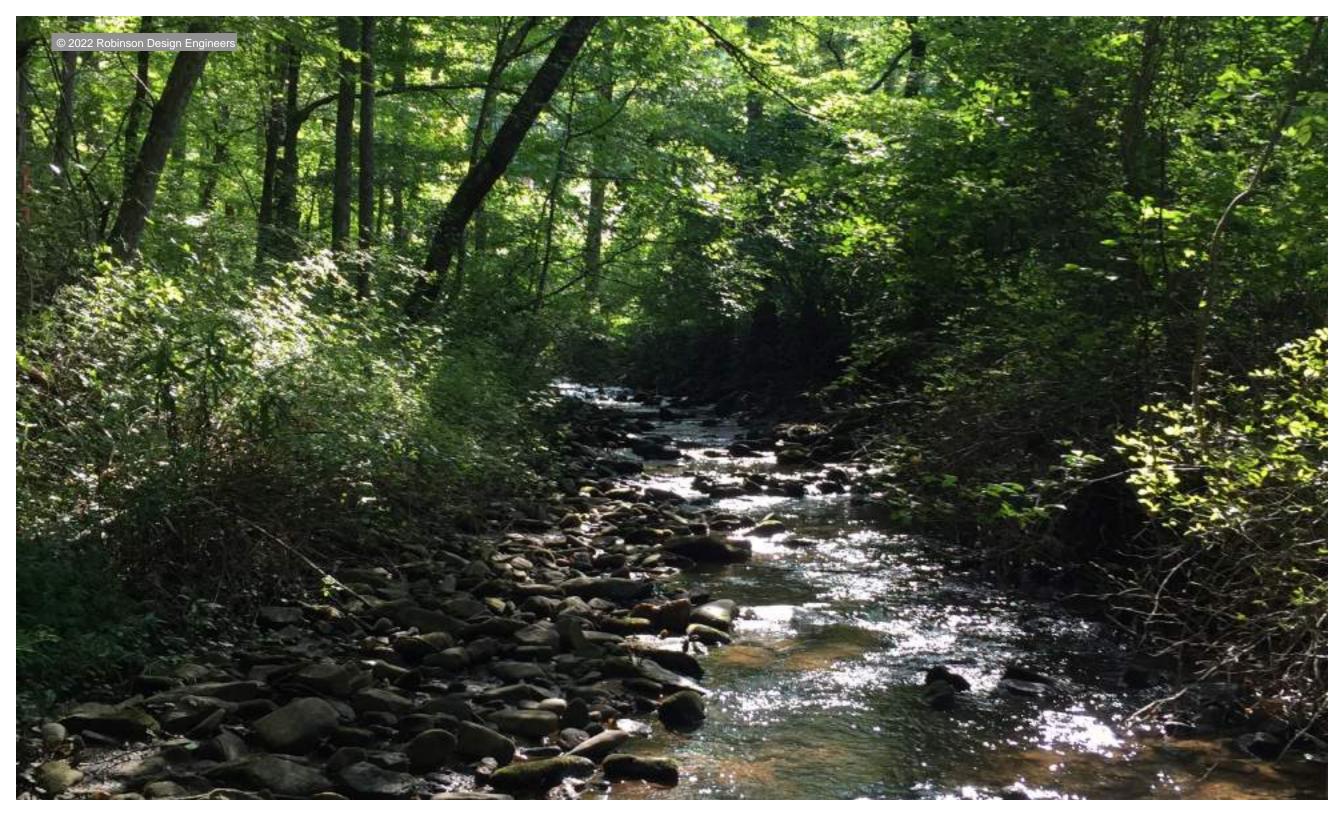














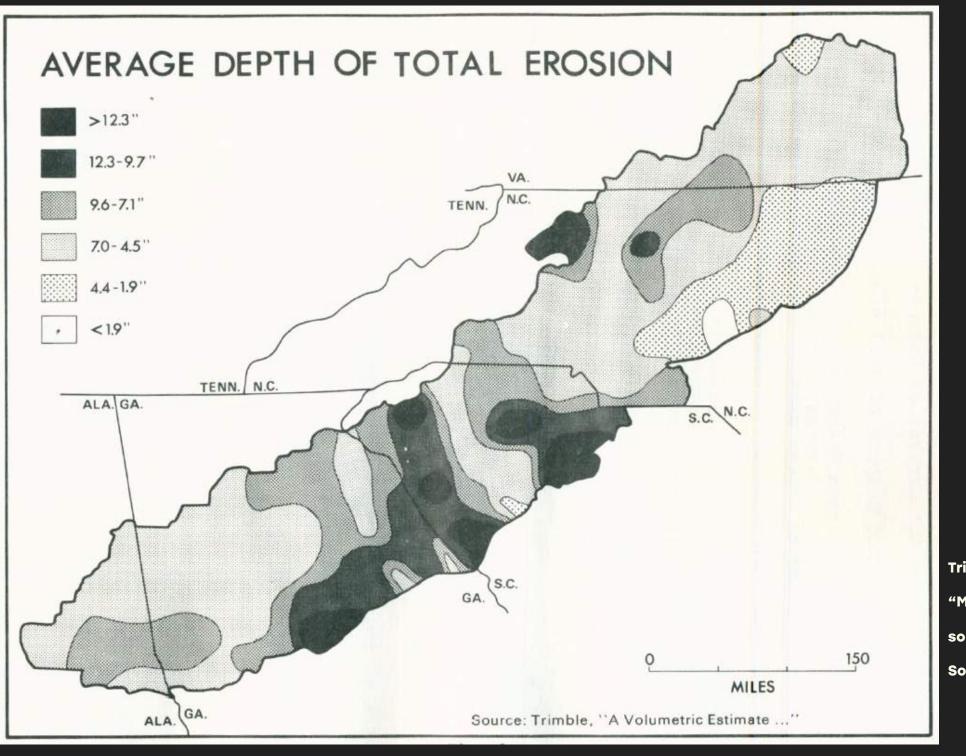












Trimble, S.W. (1974)

"Man-induced soil erosion on the southern Piedmont, 1700-1970."

Soil Conservation Society of America.



FORESTED VIRGIN LAND DAMAGED BY GULLIES
THAT STARTED IN AN ADJACENT HIGHER-LYING FIELD. SPARTANBURG COUNTY, SOUTH CAROLINA.

Bennett, H.H. and W.R. Chapline (1928)
"Soil Erosion A National Menace."
US Department of Agriculture



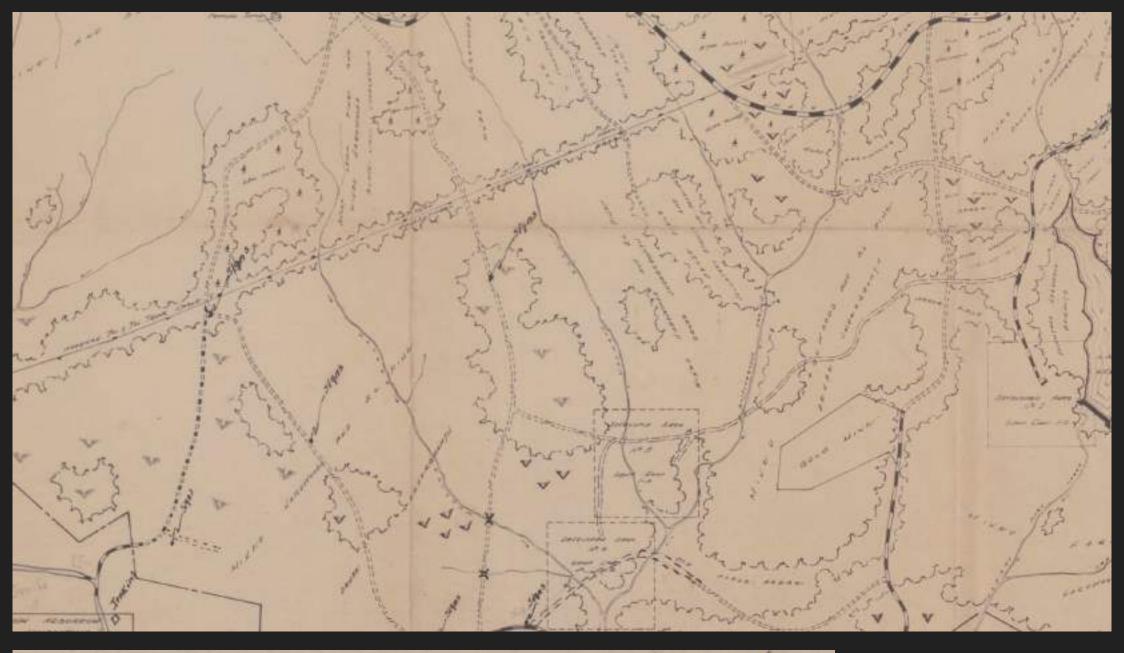
RESERVOIR FILLED WITH EROSIONAL DEBRIS

TO THE TOP OF THE DAM (BUT NOT TO THE TOP OF THE FLASHBOARD EXPEDIENT ON TOP OF THI STONE MASONRY FOR MAKING SOME LAST, SHORT-PERIOD USE OF THE COSTLY STRUCTURE).

PACOLET RIVER, 7 MILES NORTH OF SPARTANBURG, SOUTH CAROLINA.

Bennett, H.H. and W.R. Chapline (1928)
"Soil Erosion A National Menace."
US Department of Agriculture





FIELD PLANTING - TREES | | \ \DELATINENT | |

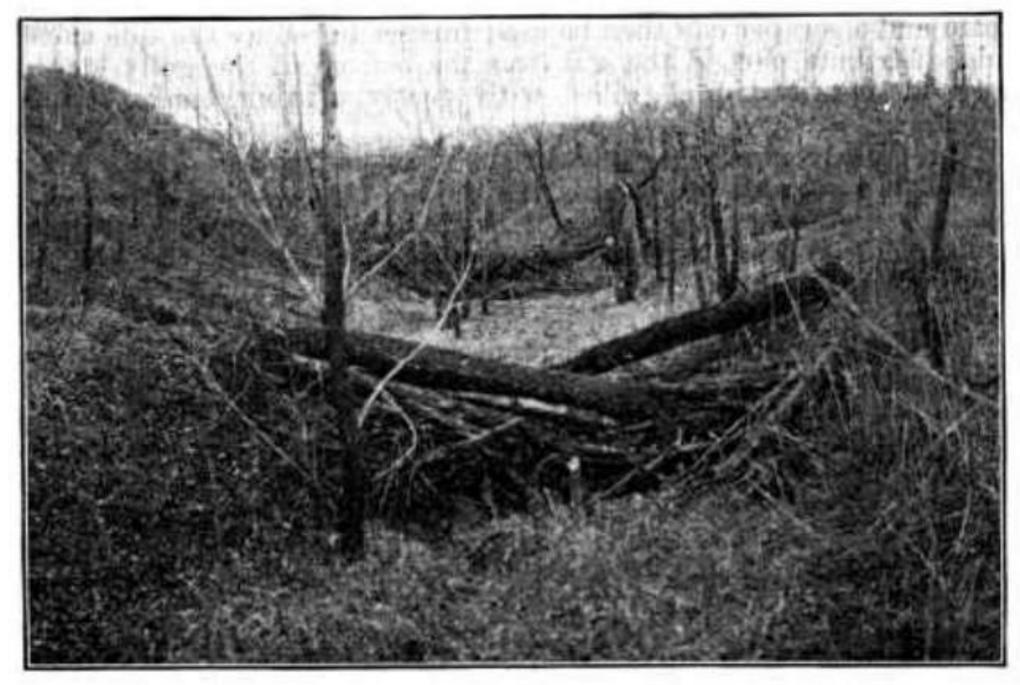
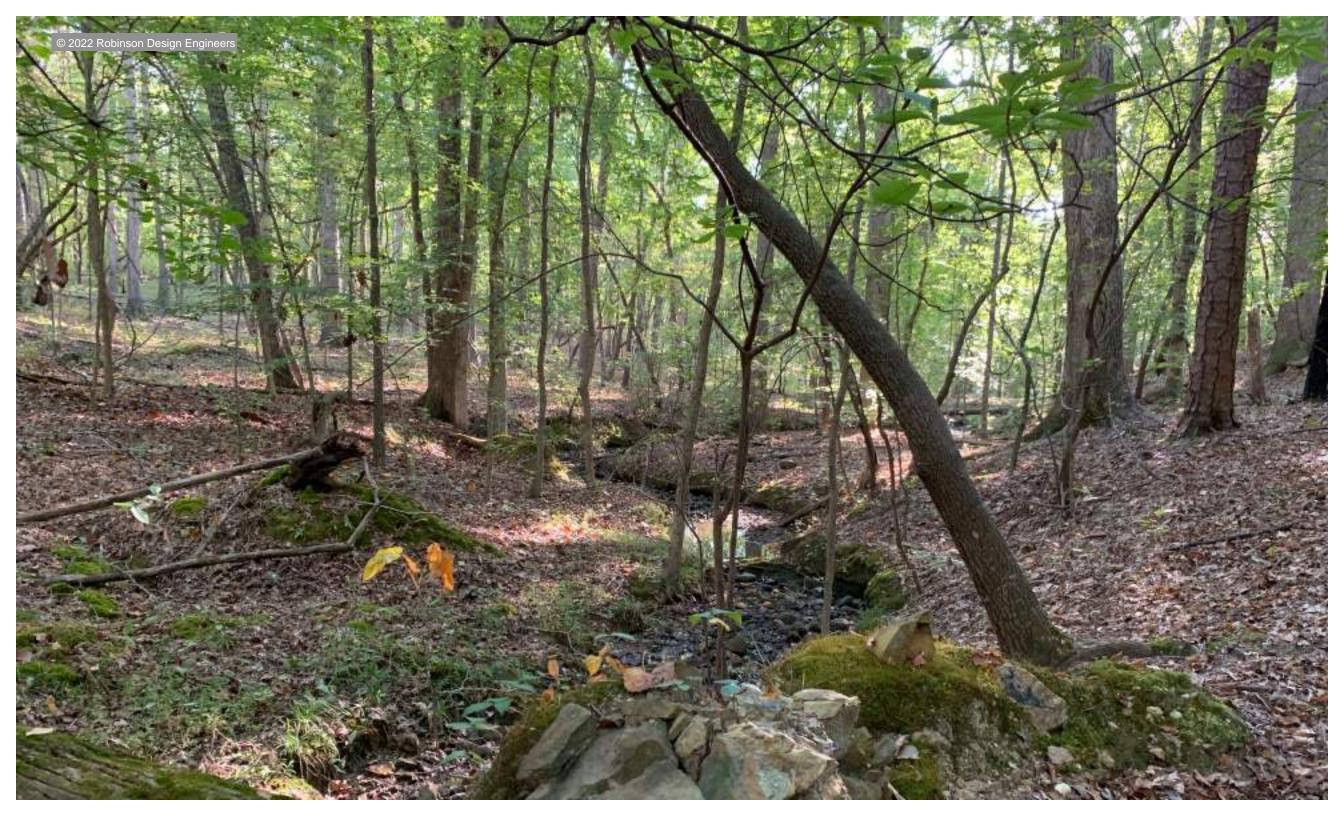
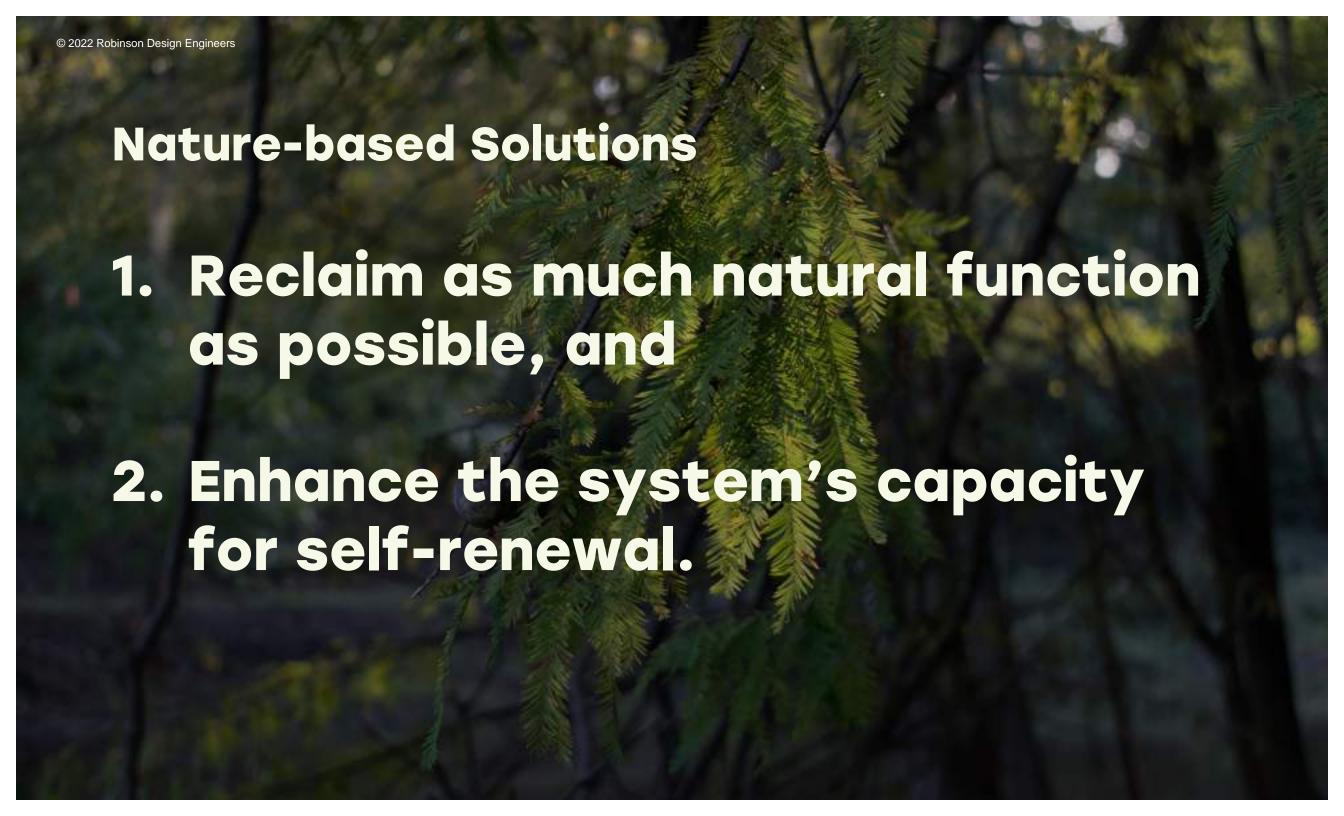


Fig. 11.—Gully formerly deep with steep banks reclaimed by locust trees and brush dams. Near Martin, Tenn.







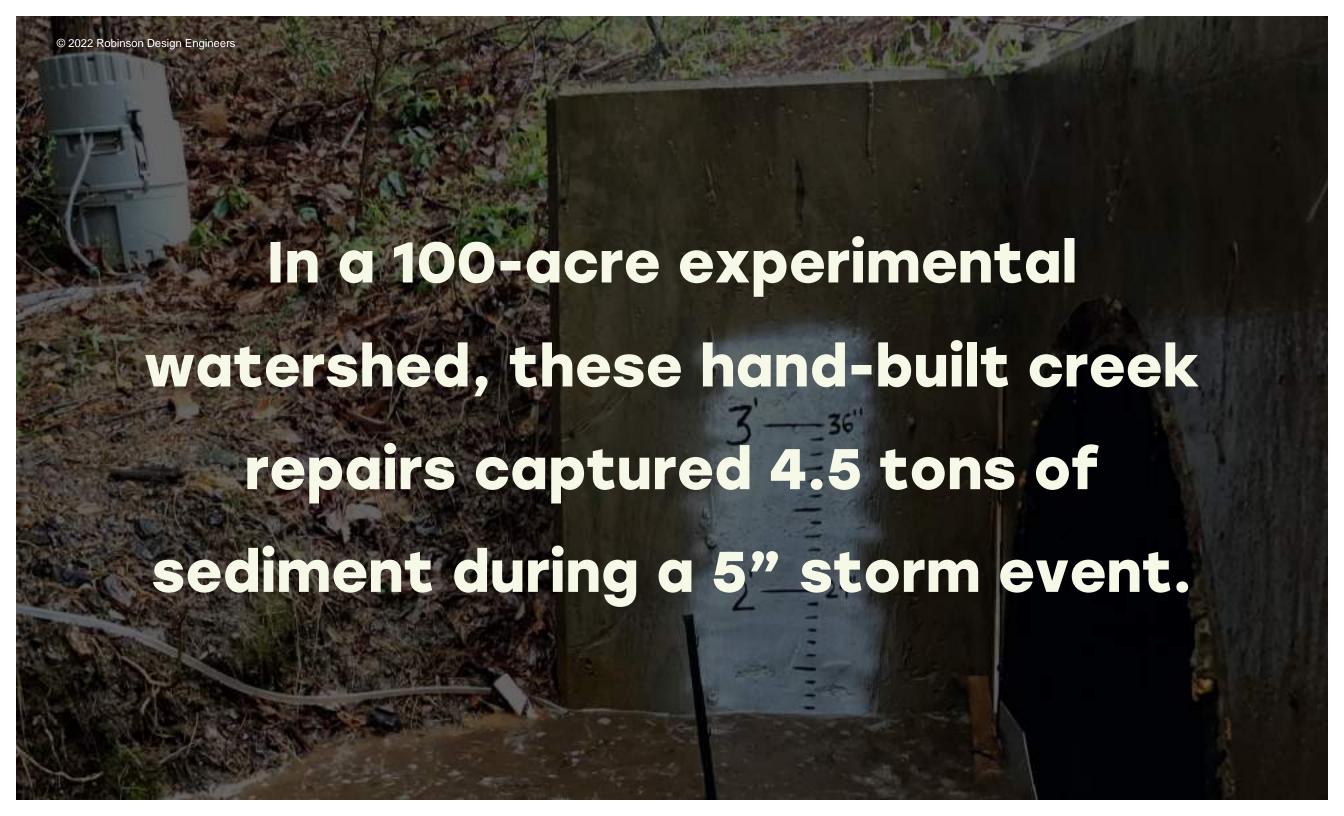


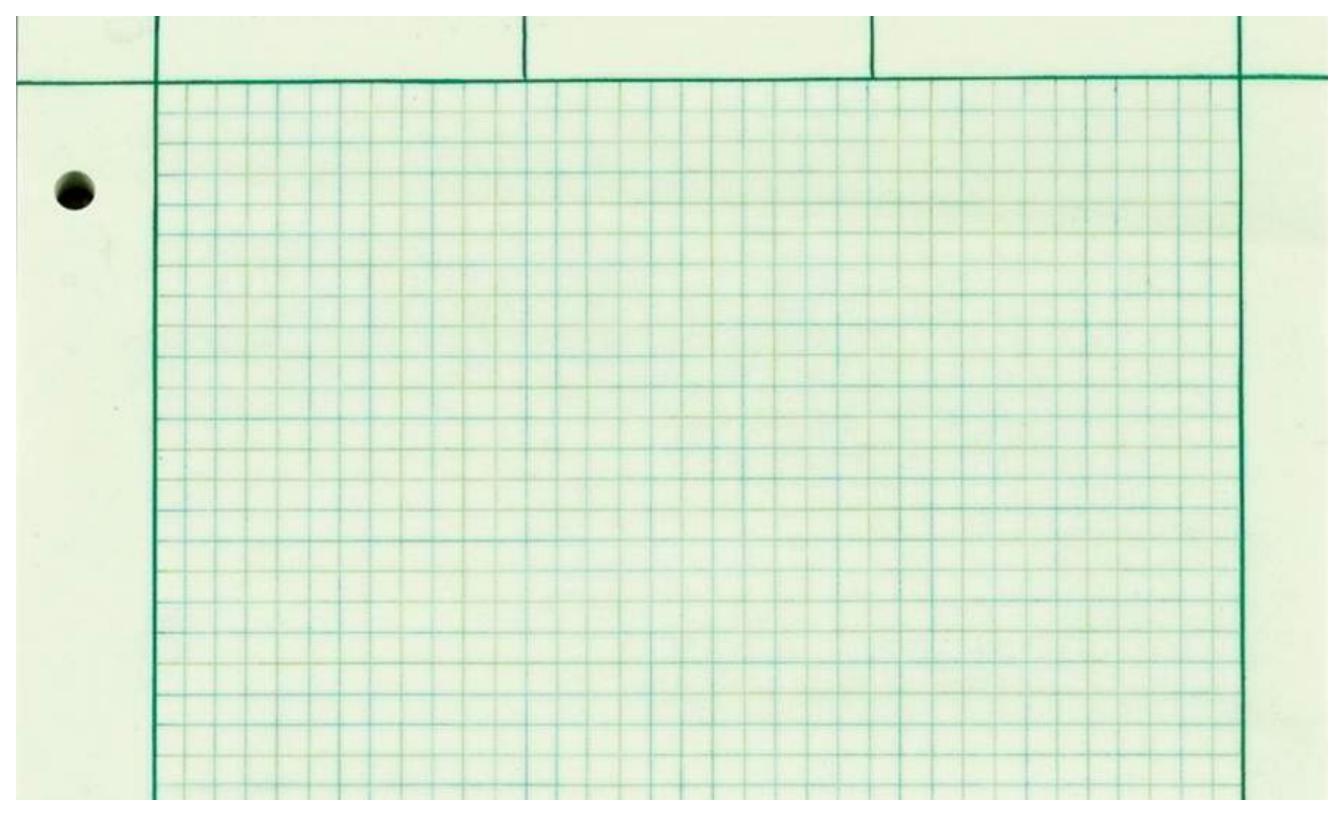












q = - DV c (2.2)

CONSIDER A 1D TRANSPORT PROCESS

Q DNIT AREA PERP TO X-AXIS

3 + 29 AX

TAX

CONCENTRATION ALONG X-AXIS IS C(X,t)

MASS OF TRACER IN C.V. = COX

TIME PATE OF CHANGE OF MASS IN CV = & (C)







