

**ILLINOIS NATURAL HISTORY SURVEY SEMINAR SERIES**



# FROM PALEO TO PRESENT

## MARYLAND'S PRESENT DAY ECOLOGICAL STREAM CONDITIONS RELATIVE TO HISTORICAL REFERENCE CONDITIONS



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This is a story of stream ecological conditions in Maryland based on my 21 years of experience working on the Maryland Biological Stream Survey (MBSS). I have tried for a long time to figure out what streams were like before major human influences. The over 4,000 sites sampled by the MBSS have provided abundant data to investigate urban impacts, restoration, biotic homogenization, shifting baselines, fish passage, Biological Condition Gradients, IBIs, invasive species, and other factors that help describe how current stream ecological conditions may differ from historical conditions.

**FORBES NATURAL HISTORY BUILDING • 1816 S. OAK STREET CHAMPAIGN IL 61820 • ROOM 1005**

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The Illinois Natural History Survey seminar series is organized by the INHS Seminar Committee.

