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AES Audio Engineering Society - Pacific Northwest Section

Around the Puget Sound, Seattle, Washington, U.S.A.

AESPNW Section Meeting February 2024 Meeting Notice

The Sound of Nature Is All Around Nature is Immersive!

**Presented by
Dan Dugan - Dan Dugan Sound Design
and
The Nature Sounds Society
and
AES Pacific Northwest Section**

**Meeting Produced by Jess Berg - AES PNW
Committee
Wednesday, Feb 28 2024
7:30PM PST(UTC -8)**

This is a Zoom-only meeting.

The virtual doors open at 7PM.

After generations of being regarded mainly as postcard views, the U.S. national parks have begun to appreciate the value of their soundscapes. We will see how the Park Service records and analyzes soundscapes, and learn how wildlife is affected by human-made sounds. Starting twenty years ago, Dan Dugan began to document sound environments in four-channel surround, using two Mini-Disc recorders synchronized in post-production. Spurred on by the availability of multi-track recorders for both consumers and the film industry, more recordists are going immersive, but limited in number by the cost and the burden of transporting and setting up so many mikes. The program will be encoded to binaural for streaming listeners.



About Dan Dugan

When Dan was a child, his parents took him to the theater and to concerts. He always wanted to go backstage to see the light board. In his teens he built a huge model circus and two small pipe organs. He was very active in music, singing bass in choruses, madrigal groups, and his church choir. Dan studied math and physics in college but dropped out to work full-time in the theater doing lighting. That became his first career.

At age 24 Dan specialized in theater sound, working at the Old Globe in San Diego and ACT in San Francisco. The title "Sound Designer" was created in 1968 "to describe what Dan Dugan does." He provided audio for eight seasons of the Mondavi Jazz Festival and engineered several independent record albums.

Dan demonstrated the first effective automixer at the New York AES in 1974. Today his invention is everywhere: in conferences, talk shows, news panels, sports panels, and election debates. The Cinema Audio Society gave Dan their Outstanding Product Award. He has received an Engineering Emmy for his contribution to television.

Dan does scientific research in the national parks, making longitudinal studies of soundscapes over time. He works in his laboratory in San Francisco, manufacturing his inventions and editing his immersive soundscape recordings. Dan is a Life Fellow of the Audio Engineering Society.

[Dan Dugan Website](#)

The Nature Sounds Society

The Nature Sounds Society is a world-wide organization whose principal purpose is to encourage the preservation, appreciation and creative use of natural sounds. The Society promotes education in the technological, scientific and aesthetic aspects of nature sounds through its programs and a diverse network of contacts.

People concerned with natural sound and natural quiet include biologists, museum professionals, park rangers, birders, conservationists, sound designers, musicians, artists, radio producers and many more.

[Nature Sounds Society Website](#)

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Ticketing link

We use Zeffy.com for event ticketing.

[AES PNW: Ticket Link](#) for Natural Soundscapes with Dan Dugan

THIS EVENT IS FREE, OPEN TO ALL, AND AES MEMBERSHIP IS NOT REQUIRED

Dan Mortensen

AES PNW 2022-2025 Section Chair

n.b. *The material presented at our meetings is the opinion of the presenter and not necessarily that of the Society. You are encouraged to conduct your own research and to form your own opinions before adopting the presented material as Truth.*