

NISQUALLY CHAPTER OF THE
ASSOCIATION OF ENVIRONMENTAL &
ENGINEERING GEOLOGISTS

The Official

AEG Nisqually Chapter Newsletter

Meeting Details

Tuesday September 10th

Location: Mercato Ristorante

111 Market St NE

Olympia, WA

6:00 pm Social

7:00 pm Presentation

Dinner: Pizza and Salad

\$25 Member or Non-Member

\$15 Educators or Job Seekers

\$5 Student

Virtual attendance is free

The remarkable history of the Lek Dike, Netherlands: 900 years of construction, maintenance, catastrophic failure and emergency repair.

Around a thousand years ago a series of discrete dikes began to be constructed along the Lek River, the northernmost distributary arm of the lower Rhine river in the modern-day Netherlands. By the early 12th century these disparate dike segments had merged to become the Lek Dike, one of the oldest and most important pieces of infrastructure protecting the Netherlands from the Rhine's flood waters. This talk will explore the rich geotechnical history of the Lek Dike—a story of haphazard construction and continuous maintenance; of repeated catastrophic failure and emergency repairs; of so-called “dike armies” rushing to their arsenals pre-stocked with shovels, wheelbarrows, willow stakes and aggregate; and of repeated construction campaigns to raise and widen the dike. We'll explore the geomorphic impacts of the Lek Dike on the Dutch landscape, and we'll also explore the human stories behind the dike, including survey disputes, tax dodgers, bankruptcies and attempted murder.

Upcoming Meetings:

Please RSVP by 4 pm Monday, September 9th if you plan on attending in person.

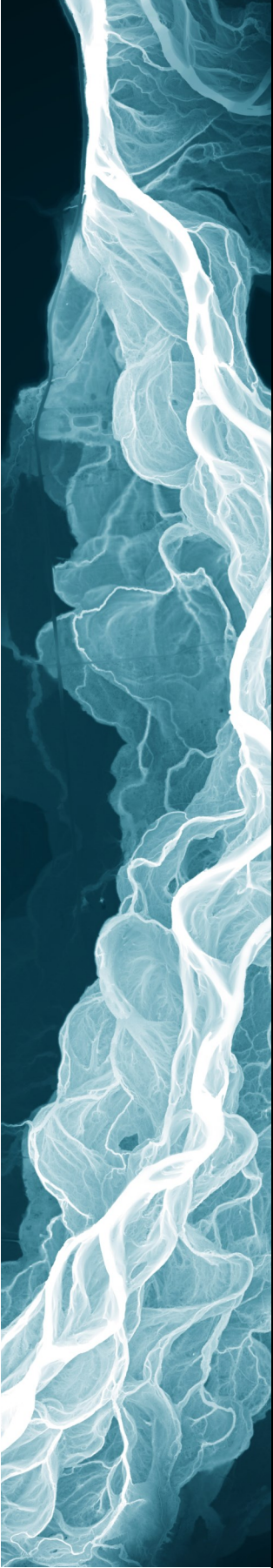
RSVP at:

<https://aeg-nisqually.brownpapertickets.com>



Bio: Stephen Newman

Stephen Newman is a licensed engineering geologist with the Washington State Department of Transportation. Stephen earned his M.S. degree in engineering geology from Simon Fraser University in Vancouver, Canada, and earned his B.S. degree in geology from the University of Washington in Seattle. His previous employers include the Washington State Department of Natural Resources, Shannon & Wilson, Inc., and Quantum Spatial. Stephen's expertise is in engineering geology, landslide investigation and remediation, GIS, remote sensing, and geospatial software development. He has experience working in Alaska, western Canada, and much of the western United States. Stephen is certified as a Qualified Expert in slope stability on forested terrain by the Washington State Department of Natural Resources.



Message from the Chair

Join us for a captivating evening on September 10th, 2024 as we kick off the fall season with a special presentation by Stephen Newman. He will take us on a journey through *The remarkable history of the Lek Diike, Netherlands: 900 years of construction, maintenance, catastrophic failure and emergency repair*.

Date:

Tuesday, September 10th

Time:

6:00 pm – Dinner & Social Hour

7:00 pm – Presentation

Location:

Mercato Ristorante (in the Wine Room)

111 Market Street NE

Olympia, WA 98501

Google Maps link: <https://g.co/kgs/W3ak48H>

We can't wait to see you there!

Announcements:

Ballot for Elections - At the beginning of September, I will send out a Ballot for the upcoming board members for 2024 - 2025. We had several folks step forward to volunteer and I'm looking forward to what this year holds. Additional volunteers or write-in nominations are always welcome!

Call for Speakers - We're curating an impressive lineup of speakers for the fall and spring seasons. If you have a 30-to-60-minute presentation to share, reach out! Additionally, we're exploring a "TED Talk" style meeting—a fantastic opportunity for students and professionals to present without the pressure of lengthy talks.

In-person Meetings – Given the low virtual attendance numbers last year, all our meetings this year will be held in person only (i.e., no Zoom or Teams broadcasts). Please contact me directly if you have any questions or concerns.

Upcoming Meetings - Please add these dates to your calendar!

Tuesday, October 1st, 2024 at 6 pm

Tuesday, November 5th, 2024 at 6 pm

Tuesday, December 3rd, 2024 at 6 pm

Section Officers & Committee Chairs



Chair:
Samantha Denham
Department of Ecology



Vice Chair:
Calie Rose
Mud Bay Geotechnical



Treasurer:
Emilie Richard
Washington Geological Survey



Secretary:
Maria Cools
PLU Geoscience Undergrad



Newsletter:
Kate Mickelson
Washington Geological Survey



Virtual Meetings Chair:
Kara Jacobacci
FEMA Region X

Field-Trip Chair:
Vacant

National AEG webpage:
<http://aegweb.org>

The AEG Nisqually Chapter Newsletter

The Association of Engineering Geologists (AEG) contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. AEG's values are based on the belief that its members have a responsibility to assume stewardship over their fields of expertise. AEG is the acknowledged international leader in environmental and engineering geology, and is greatly respected for its stewardship of the profession.

AEG NISQUALLY CHAPTER NEWSLETTER is published monthly from September through April. Subscriptions are for members of AEG affiliated with the Nisqually Chapter or other Chapters, and other interested people. E-mail subscriptions are free.

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