

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (310) 618-2780. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR35.102-35.104 ADA Title II]

Direct questions or concerns to the Commission Liaison at (310) 618-2935, or individual department head prior to submission to the Commission. Parties will be notified if the complaint will be included on a subsequent agenda.

Security procedures: Members of the public will be directed to enter City Hall on the East side of the building through the sliding door. All other entrances will remain locked for entry. Oversized bags or backpacks will not be allowed in the Council Chamber or Commission meeting room. All bags are subject to search.

Any correspondence received after 2:00 p.m. on WEDNESDAY on any item on the agenda will be provided to the Commission electronically and available for public inspection in the City Clerk's Office. A copy of the correspondence will be available for public inspection in a binder at the back of the Council Chamber or Commission Meeting room.

**TORRANCE YOUTH COUNCIL AGENDA
WEDNESDAY, MARCH 5, 2025
REGULAR MEETING
7:00 P.M. IN THE WEST ANNEX COMMISSION MEETING ROOM
AT 3031 TORRANCE BL.**

**THE TORRANCE YOUTH COUNCIL MAY TAKE ACTION ON ANY ITEM
LISTED ON THE AGENDA**

1. CALL MEETING TO ORDER

ROLL CALL: Youth Councilmembers: Berga, Chang, Cho, J. Choi, Han, Hanoun, Ho, Johnson,
Kim, Lee, McCallum, Ra, Rege, Rosen, Sharma, Suk, Tripathi, and Chair A. Choi.

**2. FLAG SALUTE
INSPIRATIONAL**

3. REPORT OF THE STAFF ON THE POSTING OF THE AGENDA

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on February 27, 2025.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

5. ORAL COMMUNICATIONS (Limited up to a 15-minute period)

*This portion of the meeting is reserved for comment on items on the Consent Calendar or not on the agenda. Under the Ralph M. Brown Act, the Commission cannot act on items raised during public comment, but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. **No longer than 1 minute per speaker**. If presenting handout material to Commission, please provide 10 copies to staff before speaking.*

6. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, that item will be removed by a Councilmember from the Consent Calendar and considered separately.

6A. Approve Commission Minutes: No Minutes Available

7. ADMINISTRATIVE MATTERS

7A. Accept and File Presentation on Educational Offerings at Madrona Marsh

Presentation by Liz Evans, Nature Center Manager/Naturalist and Miriam Taeubel, Instructor II, California Earth Science.

7B. Student Body – Accept and File Updates Regarding Events and Activities at Each Torrance School - Recommendation of the Community Services Director that Torrance Youth Council accept and file updates concerning:

- Bishop Montgomery
- CAMS
- North High School
- South High School
- Torrance High School
- West High School

7C. Youth Councilmember – Provide Updates and Information Regarding Meetings of the City Council and Various City Commissions

Recommendation of the Community Services Director that the Torrance Youth Council:

- 1) Report on any meetings attended; and
- 2) Discuss and share information; and
- 3) Assign Youth Councilmembers for upcoming meetings.

7D. Receive Oral Reports on Committee Updates

Recommendation of the Community Services Director that the Torrance Youth Council:

- 1) Report and update on any committee meetings; and
- 2) Discuss and share information; and
- 3) Assign dates and time for upcoming meetings.

7E. Receive and Provide ATTIC Pancake Breakfast Fundraiser Updates

Recommendation of the Community Services Director that the Torrance Youth Council discuss and prepare for the Saturday, April 5, event:

- 1) Ticket Sales (One Book of 25 tickets @ \$5/ea. Per Commissioner)
- 2) Entertainment (Each Commissioner to provide one performance act)
Entertainment information due 2-28-25 by 5pm to ATTIC@TorranceCA.Gov
- 3) Volunteer shifts (6:30 a.m.- 9 a.m. AND/OR 8:30 a.m.- 11:30 a.m.)

7F. Provide and Review Torrance Youth Council 2025/2026 Application Dates

Recommendation of the Community Services Director that the Torrance Youth Council discuss the TYC 2025/2026 application:

- 1) Returning TYC applicant due date is May 7, 2025.
- 2) New TYC applicants due date is May 9, 2025.
- 3) Interview Dates, Wednesday, June 4, Thursday, June 5 & Friday, June 6, 5:30 to 9 p.m.
- 4) Interview Location, The ATTIC Teen Center.

8. COMMISSION ORAL COMMUNICATIONS

9. ADJOURNMENT

- 9A.** Adjournment of Torrance Youth Council Meeting to Wednesday, March 19, 2025, at 7:00 p.m. in the West Annex Commission Meeting Room.



Educational Offerings at Madrona Marsh

Liz Evans, Nature Center Manager/Naturalist

Miriam Taeubel, Instructor II
(California Earth Science)



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Madrona Marsh is one of the last remaining vernal marshes in Southern California. It plays a vital role in supporting biodiversity, improving water quality, and mitigating urban runoff. As a living laboratory, it provides invaluable opportunities for scientific research and environmental education.

Opportunities for teens at the Marsh



- School Tours & Field Studies
- Habitat Restoration
- Advanced Restoration Crew
- Research Projects

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School Tours

- **Grades:** Pre-K to 12th grade Guided walks, Nature Center exhibits, Native Plant Garden, and Marsh Preserve
- **Water Lab (5th grade and up):** Stereomicroscope use to study water life
- **College Tours:** Wildlife biology, microbiology, environmental science, hydrology, landscape architecture
- **High School Field Studies (AP Biology & Environmental Science):** Observe and create models of dynamic microhabitats, learn to identify water life using a dichotomous key

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Habitat Restoration at Madrona Marsh

When: Saturdays, 9 a.m. – 12 p.m.

Where: Madrona Marsh Preserve

Activities:

- 🌿 Learn about **native vs. invasive plants**
- ✂️ Use **hand tools** for habitat restoration
- 👉 Work alongside **volunteers from the South Bay**

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Advanced Restoration Crew

- Ages 15-18 with 12+ hours of habitat restoration
- Lead Saturday Habitat Restoration workdays
- Train and supervise volunteers
- Assist with tool use, setup, and cleanup
- Complete a habitat restoration, research, or land management project
- Scholarship opportunity for high school seniors pursuing STEM or environmental studies



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Research Projects




Comparative Water Quality & Invertebrate Diversity at Madrona Marsh & Henrietta Basin



Luke Scaroni
Master Student at Humboldt State University


Water quality and invertebrate diversity differed between the two sites due to factors like runoff, drainage systems, and vegetation. Invertebrates are bioindicators, reflecting the variations in water quality.

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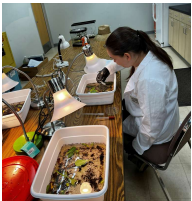
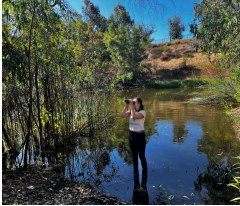
A Comprehensive Study of Ecosystem Health in Torrance Stormwater Basins

Kaylin Lee
University of California, Berkeley





#SummerIntern


Phosphates are essential for plant growth but can lead to pollution at high levels. Low (DO) is another indicator of pollution, while alkalinity, influenced by local soil, affects the pH balance. Invertebrate diversity serves as a key indicator of water quality.

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Evaluating Salinization's Effect on *Daphnia magna* as a Keystone Species and Bioindicator in the Madrona Sump and Amie Basin


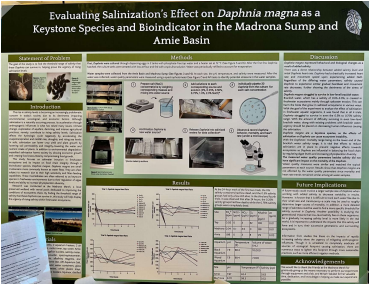







Amy Kim
Daniel Huang

2ND Place
at PVPSEF



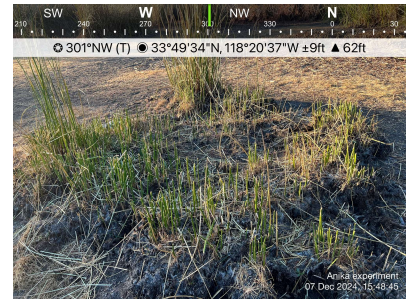
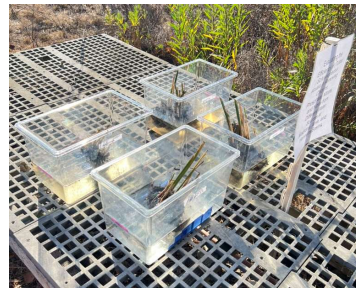
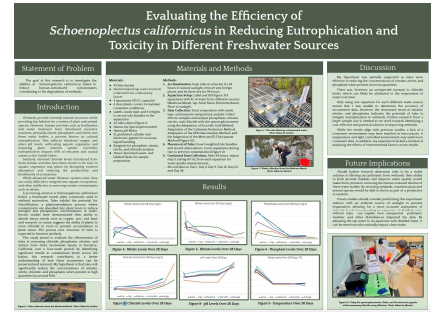
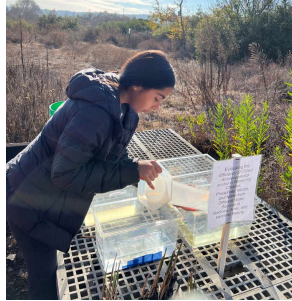



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Efficiency of *Schoenoplectus californicus* (Tules) in Reducing Eutrophication and Toxicity



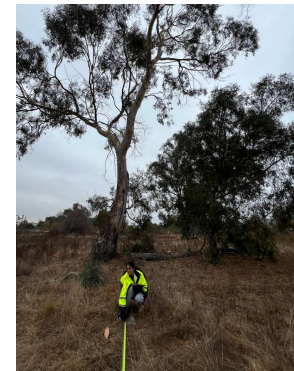
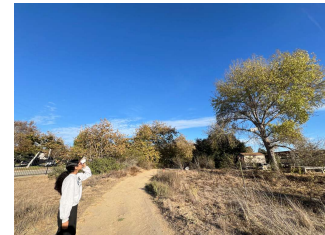
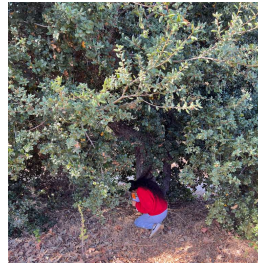
Anika Savai
3RD Place
at PVPSEF
Going to
LACSEF



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Oswaldo Madera
CAMHS High School

Eknoor Kaur
West High School (University of Connecticut)



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Emily Hwang & Chloe
Spurlock
Torrance High School



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How to Get Involved?



Habitat Restoration & Advanced Restoration Crew

If you are interested in restoring and maintaining native habitats at Madrona Marsh:

- Scan the QR code and complete an application to become a short-term volunteer.

Tours & Field Study Experience

If your class or club would like a guided tour or to participate in a field study experience:

- Call the Nature Center at **(310) 782-3989** to schedule a tour
- Email EEvans@TorranceCA.gov for more information.

Research Opportunities

If you are interested in working with a mentor and developing your own research project at Madrona Marsh:

- Call the Nature Center at **(310) 782-3989** and ask for Miriam.
- Email MTaebel@TorranceCA.gov.

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Together we can make a difference!

- Working together, we will protect biodiversity and local ecosystems for the future
- By researching, learning new skills, and gaining real-world science experience, you will inspire others through your actions. Let's be an example of change.
- Every action counts! Your work will make a lasting impact, helping your community and motivating others to take action.
- Lead efforts to restore and protect the environment, all while developing your leadership skills for a brighter future.
- By taking care of nature, we're also taking care of ourselves. Let's become part of nature and nurture it.
- Connect with the land, help your community, and meet others who share your passion. Together, we're building relationships with nature.

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**Ribbit-
ribbit!**

**Thank
You!**



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