PACIFIC SOUTHWEST STUDENT SYMPOSIUM 2025





MAILER 2

Individual Registration and Symposium Information

April 2, 2025 - April 5, 2025

Hosted by California State Polytechnic University, Pomona





January 28, 2025

Dear ASCE Student Chapter of the Pacific Southwest Student Symposium:

This is your 2025 ASCE Pacific Southwest Student Symposium Mailer 2, the second of three informational packets to be sent to each of the participating ASCE Student Chapters in this year's Student Symposium at Cal Poly Pomona.

Please carefully read through this packet and forward copies to the appropriate members in your Student Chapter. Do not delete this mailer as the information given within may not be repeated in subsequent mailers. Enclosed you will find the following information:

- Receipt Confirmation
- Individual Registration
- Upcoming Deadlines
- First Student Chapter Meeting
- · Business Meeting
- ASCE Pop-Up Leadership Workshops
- PCI Prestressed Mini Beam Competition Details
- Mead Paper Competition Information
- Scranton Award Competition Information
- ASCE Competition Eligibility Requirements
- Competition Rules & Resources
- Overall Tentative Symposium Schedule
- Cal Poly Pomona Prohibited Items

Receipt of this mailer should be confirmed by completing the Mailer 2 Acknowledgment Form by February 10, 2025. Please note the individual registration deadline is February 14, 2025, and payment is due February 28, 2025.

If you have any questions, feel free to contact Alejandro Torres at psys.director@cppasce.org. All symposium information such as events, mailers, policies, rules, etc. will be posted on our website: https://studentsymposium.asce.org/pacificsouthwest/

We look forward to your participation in the 2025 ASCE Pacific Southwest Student Symposium and providing an opportunity to engage with other student chapters and ASCE Region Leadership.

Sincerely,



Alejandro Torres Director



Pablo Barboza
Corporate Relations
Chair



Lauryn Teramoto
Logistics Chair



Aidan Ortega Secretary



Seema Shah-Fairbank, Ph.D., P.E. CPP CE Professor

Faculty Advisor



Omar E. Mora, Ph.D., P.E.

CPP CE Professor

Faculty Advisor



Simeng Li, Ph.D CPP CE Professor Faculty Advisor





Individual Registration Form & Payment

STEP 1 - Mailer 2 Receipt Confirmation - required

Follow the link below to complete the Mailer 2 Receipt Confirmation due no later than February 10, 2025.

Mailer 2 Receipt Confirmation Link

STEP 2 - Individual Registration Form - required

Individual Registration Form is due by February 14th. Payment is due by February 28th.

Please visit our symposium website at <u>Individual Registration - Pacific Southwest</u> to register for the 2025 ASCE Pacific Southwest Student Symposium.

The Individual Registration Form must be filled out by ALL individuals attending the symposium including chapter members, team competitors, chapter spectators, guest teams, faculty advisors, volunteers, judges, and ASCE Region Leadership. The Individual Registration Form contains liability waiver information required by ASCE that must be reviewed and acknowledged by every individual attending, participating, and/or spectating at the symposium.

STEP 3 - Individual Release of Liability - required

The <u>Cal Poly Pomona Release of Liability Form</u> and the <u>Bronco Recreational Intramural Complex Liability Form</u> must be filled out and uploaded to the Individual Registration Form. Each file should be named as follows: **PSWS_ROL_FirstName_LastName** and **BRIC_ROL_FirstName_LastName**Both liability forms must be filled out for a participant's registration to be considered complete.

STEP 4 - Individual Registration Payment - required

Individual Registration is \$170 per person. The registration form is due February 14th, and payment is due by February 28, 2025.

All universities send 1 lump sum check to cover the cost of individual registration for all attendees. We are accepting credit card payments, if this method is more preferable reach out to Alejandro Torres at psys.director@cppasce.org

Please make checks payable to: Cal Poly Pomona Foundation

with Memo: 2025 ASCE PSWS

Mailing Location:

Cal Poly Pomona
Civil Engineering Department

Attn:

American Society of Civil Engineers 3801 W. Temple Ave Pomona, CA 91768

If your chapter is not participating in the 2025 ASCE Pacific Southwest Symposium, please email Alejandro Torres at <a href="mailto:psystomatics.com/psystomati





ASCE is still accepting Statement of Intent Forms for Society Competitions!	Statement of Intent & Acknowledgement of Eligibility Requirements Form due from each team intending to compete in a Society-wide or Society Pilot Competition - Concrete Canoe, Student Steel Bridge, Sustainable Solutions, Surveying, and Timber-Strong. One form is required for each competition and must be filled out by the team captain and faculty advisor. The online form* must be completed by the team captain and faculty advisor(s). Each entity will submit a separate form. * Concrete Canoe forms can be found in the 2025 ASCE Concrete Canoe Request for Proposal Rules. Concrete Canoe forms submitted after November 1, 2024, at 5:00 pm Eastern will be considered late submissions and subject to deduction. There is still time to complete a Statement of Intent Form to compete in an ASCE Society Competition! Statement of Intent to compete for Steel Bridge, Surveying, Sustainable Solutions (must be completed by the team captain & the faculty advisor separately) Statement of Intent to compete for Construction Institute, Timber-Strong & 3D Printing
January 31	(must be completed by the team captain & the faculty advisor separately) Timber-Strong Design Build Phase One Project deliverables are due. (Unique and secure link to be provided to each team from ASCE) Each Timber-Strong Design Build team member who is a builder must complete the Ladder Training Safety online course and submit certification of completion to Cerberus before project work begins.
February 1	ASCE Student Chapter Annual Reports are due by 11:59 pm Eastern Standard Time to ASCE. (More information on the Annual Reports can be found here. If you have questions on your Annual Report, email student@asce.org). Submitting the ASCE Student Chapter Annual Report is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the eligibility requirements for details.
February 1	ASCE Student Chapter annual dues must be paid, as received by ASCE, no later than 11:59 p.m. EST. Paying ASCE Student Chapter annual dues is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the <u>eligibility requirements</u> for details.
February 6	First meeting with all student chapters to discuss important deadlines and requirements and Q&A. See Page 6 for more details.
February 10	Mailer 2 Receipt Confirmation due from each student chapter.





February 13	Concrete Canoe Project Proposal, Mix Design Sheets, and Materials Notebook due. (Upload to respective folder link provided by ASCE)
February 14	Attendee Registration form and Release of Liability forms due.
February 24	Surveying Competition Task 1A Projects due by 5:00pm EST. (Unique and secure link to be provided to each team from ASCE)
March 16	Environmental Design competition technical report due by 11:59 PM (PST).
February 27	Timber-Strong Design Build - All Change Orders and final submittals uploaded to ASCE's Cerberus ftp server. (Unique and secure link to be provided to each team from ASCE)
February 28	Registration payment due (postmark date if mailing).
February 28	Timber-Strong Design Build Phase Two Project deliverables due. (Unique and secure link to be provided to each team from ASCE)
March 1	Mead Paper Competition Submission due to Student Symposia & ASCE Nationals. Mailer III (final) sent to each student chapter.
March 7	Timber-Strong Design Build Phase Three Project deliverables due. (Unique and secure link to be provided to each team from ASCE)
March 13 March 16	Transportation design report due 11:59 PM (PST).
March 13	Sustainable Solutions Competition Technical Design Proposal, Envision Checklist and Criteria Justification, Public Outreach Poster, and Sketchup files due. (Unique and secure link to be provided to each team from ASCE)
March 15	Mailer III Receipt Confirmation due from each student chapter.
March 30	Environmental Design presentation (Google Slides format) due.
March 20	Richard J. Scranton Award - A digital copy of the poster to be displayed is due.
April 2	Transportation digital presentation due by 11:59 PM (PST).
April 2-5	2025 ASCE Pacific Southwest Student Symposium.





First Student Chapter Meeting

We would like to invite all student chapters to our first informational meeting before PSWS 2025. Please send at least one representative from your student chapter to attend this meeting.

Meeting Date: February 6th, 2025 at 4:30 PM PST

The meeting will cover:

- Important Deadlines
- Registration Details
- Competition Submissions

Meeting ID and link:

https://cpp.zoom.us/j/8979590139

Meeting ID: 897 959 0139







The Business Meeting is tentatively scheduled to take place on Saturday, April 5, 2025, at 1:30 PM. Watch for the draft business meeting agenda that will be distributed via email to student chapters for review before the symposium.

The business meeting is the annual meeting for the Student Conference Board of Delegates. The Board of Delegates consists of two student delegates (*preferably a senior or junior in an ASCE leadership position and a sophomore in or aspiring to an ASCE leadership position*) and the faculty advisor from each student chapter.

The draft agenda will include unresolved discussion topics from the 2024 Business Meeting, the future host rotation, new business, the discussion and finalization of the Conference Policy and Procedures document, and other topics specific to the ASCE Pacific Southwest Student Conference Region.

Each student delegate must be a member in good standing with their student chapter and ASCE. Each student chapter in the Student Conference has one vote. At least one member of your ASCE student chapter must participate in the Business Meeting as part of the eligibility requirements to advance to finals for Concrete Canoe, Steel Bridge, Sustainable Solutions, and Surveying.

Click here for ASCE Eligibility Requirements









Don't miss the opportunity to learn about professional skills you can use now and after graduation to help you get ahead. Pop-Up Leadership Workshops, presented by the Committee on Student Members and other Region leaders, will be held throughout the Symposia. By attending Leadership Pop-ups, each team will receive a special clue for the scavenger hunt.

2025 ASCE Pop-Up Leadership Topics

- Thursday, April 3rd 12:30 pm to 3:00 pm
 - LEGOs for Leadership (Send a minimum of 2 students for a collaborative event where participating schools will receive points towards their overall score)
- Saturday, April 5th 10:00 am to 11:00 am







We are happy to announce that we have decided to host the PCI Prestressed Mini Beam Competition!

Each participating team will construct their mini beam on Friday, April 4th and the testing of the beams will take place on Saturday, April 5th. The rules for the competition can be found on our website linked <u>HERE</u>.

To participate in the competition, please fill out the form linked <u>HERE</u>. The last date to register to compete is <u>Friday</u>, <u>February 28th</u>, <u>2025 at 11:59 PM</u>.







The ASCE Student Symposium Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career. The competition consists of a paper submission and a presentation at the student symposium. Each chapter may submit one paper, written and presented by one student.

The author of the winning paper **will be awarded a tentative dollar amount** from CPP ASCE and will qualify for the national award competition. The paper must be written and presented by **one student** to qualify for CPP ASCE's scholarship. This competition is separate from the National ASCE Mead Paper Competition and is local to the ASCE Pacific Southwest Student Symposium, requiring a separate submission for PSWS.

The topic for the 2025 ASCE PSWS Mead Paper Competition is

"Consider the Francis Scott Key Bridge Collapse in Maryland, the Interstate 95 Collapse in Pennsylvania, or other infrastructure disasters. Civil engineers are responsible for planning, designing, constructing, maintaining, and operating infrastructure while protecting and advancing the health, safety, and welfare of the public. Following large infrastructure disasters, civil engineers are often placed in the public spotlight to respond and assess the cause of the disaster and how to prevent future similar events.

Considering ethics, what role do civil engineers play in the prevention and response to an infrastructure disaster? Should an infrastructure disaster rouse civil engineers globally to advocate for more resilient protections for built infrastructure from climate-driven and/or man-made disasters?

Authors are encouraged to develop and apply their own original thoughts. The use of generative artificial intelligence (AI) and natural language processing models (NLP) such as OpenAI's ChatGPT® are neither encouraged nor discouraged. However, if such models are used, all instances shall be cited as work completed by the respective generative AI/NLP. Failure to cite all instances of generative AI/NLP use will be considered plagiarism.

Entries for the contest shall be limited to 1 paper from each ASCE or AEI Student Organization and must be submitted through the Faculty Advisor."

Submission deadline: March 1, 2025

NEW Submission form: <u>CLICK HERE</u>

One winner from the ASCE Pacific Southwest Student Symposium will be named the Symposium Paper Competition Champion.

NEW THIS YEAR

The winning paper from the Student Symposium Paper Competition will advance for final consideration by the ASCE Committee on Student Members with all other entries received for the Society Daniel W. Mead Prize for Students Competition. The Society Daniel W. Mead Prize for Students winner will be announced in June.

If your chapter wants to compete in the Daniel W. Mead Prize for Students Competition, there is no need for a separate submission outside of the ASCE Pacific Southwest Student Symposium. The submission to the symposium will serve as the submission for the Daniel W. Mead Prize for Students Competition as well.

SOCIETY-WIDE FINALS ELIGIBILITY REQUIREMENT

Both the paper submission and the presentation are mandatory for any ASCE Student Chapter participating in the 2025 ASCE Pacific Southwest Student Symposium that wishes to be eligible to advance to ASCE Society-wide competition finals and SSBC National Finals. Competitions requiring participation include:

- ASCE Concrete Canoe Competition
- ASCE Sustainable Solutions Competition
- ASCE UESI Surveying Competition, and
- AISC/ASCE Student Steel Bridge Competition.

Please note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.





New this year, the Committee on Student Members will hold a pilot competition at the 2025 ASCE Pacific Southwest Student Symposium to identify finalists for the ASCE Richard J. Scranton Award for Community Service.

The Richard J. Scranton Community Service Award is awarded to the chapter that demonstrates the strongest engagement in the community with projects that provide great value to and impact on their local community while engaging a large number of chapter members. This is an exciting opportunity for Student Chapters to showcase their community service efforts!

Student teams will submit a digital copy of the poster by March 20, 2025 and bring the actual poster to the symposium. Your poster should highlight all community service and/or outreach projects during 2024. Criteria for submissions will be posted on the student symposium website. Students should expect to prepare for judges to observe, evaluate, and hold a conversation with them to ask specific questions about their projects and the impact of their efforts. Student posters, projects, and oral responses will be evaluated, considering all community service projects documented as a body of work.

Each student chapter may submit one poster. One winner will be named the Symposium Community Service Award Champion. The champion will advance for final consideration for the Scranton Award by the Committee on Student Members. Their finalist status will put them in competition with schools from other non-pilot student symposia submitting annual reports. The ASCE Richard J. Scranton Award for Community Service Winner will be announced in late May. The poster display session will take place alongside Concrete Canoe, Steel Bridge, and Sustainable Solutions displays.

The Student Chapter whose poster best embodies the spirit of the Richard J. Scranton Outstanding Community Service Award will be **awarded a tentative dollar amount** from Cal Poly Pomona ASCE to put toward further community service efforts. A rubric for this competition will be provided in the near future.

Submission deadline: March 20, 2025

NEW Submission form: CLICK HERE

This competition is not a requirement for each participating student chapter to compete in the 2025 PSWS. If all student chapters attending the 2025 PSWS participate in this competition, points may be awarded to winning student chapters. Each participating student chapter is required to bring their own easel to display their poster. See tentative schedule for display times.

Any student chapters that wish to compete for the national Scranton Outstanding Community Service Award must participate in the symposia pilot competition to be eligible.

Details about student awards can be found here.





Competitions that advance to an ASCE Society-wide Competitions Finals include: ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, and ASCE UESI Surveying Competition. The AISC/ASCE Student Steel Bridge Competition advances to the SSBC National Finals and follows the eligibility requirements below. See SSBC Rules for more information.

Invitations to Student Symposia and ASCE Student Civil Engineering Championships/Society-wide Competition Finals are a privilege, not a right. Failure to act professionally can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences. Please note that the requirements for eligibility for Society-wide competition finals are more stringent than the requirements for participation at the student symposia competitions.

ELIGIBILITY FOR STUDENT SYMPOSIUM COMPETITION

The following qualifications are required of all ASCE Student Chapters to compete at the Student Symposia Competitions:

An ASCE Student Chapter must:

- 1.Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, no later than the start of their Student Symposium.
 - b. Have submitted their student chapter's full Annual Report or EZ Annual Reporting Form, no later than February 1, 11:59 p.m.EST.

ELIGIBILITY FOR ASCE SOCIETY-WIDE COMPETITION FINALS

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

- 1. Be in good standing with ASCE
 - a. Have paid their annual dues, as received by ASCE, no later than February 1, 11:59 p.m. EST.
 - b. Have submitted their student chapter's <u>full Annual Report</u>, no later than February 1, 11:59 p.m. EST and <u>have received a minimum score of 25 points out of a possible 100</u>. Student Chapters that submit an EZ annual reporting form do not qualify to advance on to competition finals
- 2. Attend and participate in their assigned Student Symposium as shown through their school's:
 - a. On-time attendance and active participation by a member of the ASCE Student Chapter at the Student Symposium Business Meeting.
 - b. Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Questions regarding edibility should be directed to student@asce.org.





SOCIETY-WIDE COMPETITION RULES CAN BE FOUND AT:

https://www.asce.org/communities/student-members/conferences/rules.

PSWS 2025 COMPETITIONS:

SOCIETY- WIDE COMPETITIONS

- ASCE Concrete Canoe Competition
- ASCE Sustainable Solutions Competition
- ASCE UESI Surveying Competition
- AISC/ASCE Student Steel Bridge Competition
- Mead Paper Competition (Participation is a requirement for
- advancement to Society-wide competition finals and SSBC National Finals).
- Timber-Strong Design Build Competition

LOCAL COMPETITION RULES

Please visit our website regularly for information on local competition rules.

- Richard J. Scranton Competition
- Transportation Design
- Environmental
- GeoWall
- PCI Prestressed Concrete Beam







	Wednesday, April 2nd	
EVENT	TIME	LOCATION
Student Chapter Check-In	4:00 PM - 6:00 PM	Loading Area Near CPP Letters South of Building 98
	Thursday, April 3rd	
EVENT	TIME	LOCATION
Opening Ceremony	8:00 AM - 9:00 AM	Bronco Commons
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CONCRETE CANOE		
Concrete Canoe Display Setup	6:00 AM - 8:00 AM	Bronco Commons
Concrete Canoe Display	9:00 AM - 1:00 PM	Bronco Commons
Concrete Canoe Presentations	1:00 PM - 5:00 PM	Bronco Student Center Ursa Major
Concrete Canoe Captains Meeting	7:00 PM - 8:00 PM	Bronco Student Center Ursa Major
STEEL BRIDGE		
Steel Bridge Aesthetics Set-Up/Registration	6:00 AM - 8:00 AM	Bronco Commons
Steel Bridge Aesthetics Judging	9:00 AM - 1:00 PM	Bronco Commons
Steel Bridge Steel Bridge Captains' Meeting	2:00 PM - 4:00 PM	Library Room 1822
Steel Bridge Steel Bridge Captains Meeting Steel Bridge Judges' Training	4:00 PM - 4:00 PM	Library Room 1822
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RICHARD J. SCRANTON AWARD		
Scranton Award Poster Displays	9:00 AM - 1:00 PM	Bronco Commons
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SUSTAINABLE SOLUTIONS		
Sustainability Poster Display	9:00 AM - 11:00 AM	Bronco Commons
Sustainability Captains' Meeting	11:00 AM - 12:00 PM	Library Room 1807
Sustainability Competition	1:00 PM - 4:00 PM	Library Room 1807
SURVEYING		
Surveying Captains' Meeting	6:00 AM - 7:00 AM	University Park
Surveying Competition	7:00 AM - 4:00 PM	University Park
TIMBER-STRONG DESIGN BUILD		
Timber Captains' Meeting	7:00 PM - 8:00 PM	Zoom
GEOWALL		
GeoWall Presentations	9:00 AM - 1:00 PM	Library Room 1823
GeoWall Captains' Meeting	1:00 PM - 2:00 PM	Library Room 1824
ENVIRONMENTAL DESIGN COMPETITION		
Environmental Design		In Front of Bronco Student Center/Bookstore
Competition/Presentations	9:00 AM - 4:00 PM	(South)
MEAD PAPER PRESENTATIONS		
Mead Paper Presentations	12:00 PM - 4:00 PM	Bronco Student Center Lyra
LUNCH	11:00 AM - 1:00 PM	Bronco Commons
NON-TECHNICAL EVENTS		
Career Fair	9:30 AM - 3:30 PM	Residence Suites Commons
Scavenger Hunt	ALL DAY (Beginning at 8:00 AM)	CPP Campus
Soccer	9:00 AM - 4:00 PM	Soccer Fields
Basketball Pop Up Loadership Workshop	9:00 AM - 5:00 PM 12:30 PM - 2:30 PM	BRIC BSC Andromeda
Pop-Up Leadership Workshop Pop-Up Leadership Workshop	3:00 PM - 4:00 PM	BSC Andromeda BSC Andromeda
Fop-op Leadership Workshop	3.00 PM - 4.00 PM	B3C Andronieda





	Friday, April 4th	
EVENT	TIME	LOCATION
TECHNICAL EVENTS		
Concrete Canoe Races	7:00 AM - 5:00 PM	Frank G. Bonelli Regional Park Lake
LUNCH	11:00 AM - 1:00 PM	Frank G. Bonelli Regional Park
NON-TECHNICAL EVENTS		
Scavenger Hunt	ALL DAY	Frank G. Bonelli Regional Park
Tug-of-War	8:00 AM - 12:00 PM	Frank G. Bonelli Regional Park Field
Corn Hole or Horse Shoe Toss	2:00 PM - 4:30 PM	Frank G. Bonelli Regional Park
	Saturday, April 5th	
EVENT	ALL DAY	LOCATION
TECHNICAL EVENTS		
Steel Bridge Competition	7:00 AM - 4:00 PM	Building 98 CLA Paseo
Timber Strong Design-Build	7:00 AM - 4:00 PM	Parking Lot F4
Surveying Presentations and Display	10:00 AM - 2:00 PM	Business Building 163-2005
Transportation Presentations	12:00 PM - 4:00 PM	Business Building 163-1005
GeoWall Captain's Meeting	8:00 AM - 10:00 AM	Business Building 163-1015
GeoWall Competition	12:00 PM - 4:00 PM	Building 17 Atrium
LUNCH	11:00 AM to 1:00 PM	Engineering Meadow
NON-TECHNICAL EVENTS		
Scavenger Hunt	DUE 4:00 PM	CPP Campus
Flag Football	8:00 AM - 3:00 PM	Soccer Field
Volleyball	8:00 AM - 3:00 PM	BRIC
Pop-Up leadership Workshop	10:00 AM - 11:00 AM	Business Building 162-1001
Business Meeting	1:30 PM - 4:00 PM	Business Building 162-1001
CLOSING AWARDS CEREMONY	6:00 PM - 10:00 PM	Bronco Commons

See **HERE** for an interactive map of Cal Poly Pomona

<u>Drug and Alcohol-Free Events</u>

The use of drugs and alcohol is prohibited at all ASCE Student
Symposium events.





PROHIBITED ITEMS:

- Aerosol and other pressurized canisters and sprays
- Alcohol
- Any weapons (including toy and replica guns, BB guns, and air-soft guns)
- Any artificial noisemakers (i.e., air contents, etc.) horns filled with substance other than air
- Balloons filled with any non-flammable and non-hazardous gas.
- No banners or signs allowed
- Beach balls
- Bicycles, skateboards, roller skates, and scooters
- Cigarettes and E-cigarettes (the University is a tobacco and vape-free campus)
- Coolers
- Drones and other unmanned aircraft systems
- Drugs (including CA legally possessed marijuana)
- Gas masks
- Guns
- · Helmets and face shields
- Knives
- Fireworks
- Flammable liquids
- Large or oversized umbrellas
- Laser pointers
- Lawn furniture
- Mace, pepper spray, or similar chemical spray
- Marking pens
- Masks or costume pieces that conceal identity
- Mega phones
- Paint (any type or form)
- Pets (service animals are allowed)
- Sticks, signs with sticks, selfie sticks
- Stun guns
- Torches and other open flames
- Tripods or large photographic equipment
- Wagons and carts