

MINUTES
TRANSPORTATION RESEARCH BOARD
Business Meeting – ADC30
Committee on Ecology and Transportation (ADC30)
Business Meeting
January 26, 2011 3:45 – 5:30 PM

Prepared and Submitted by:

Marcia Bowen
Secretary ADC30

Marcia Bowen

Marcia Bowen

March 2011

TRB ADC 30
Committee on Ecology and Transportation
Annual Business Meeting
January 26, 2011 3:45 – 5:30 PM
Hilton – Columbia Hall 9 & 10

1. **Introduction of members, friends and guests** – The meeting was called to order at 2:30 pm. Attendees introduced themselves.
2. **Remarks by the chair** – Tom Linkous : Tom announced that he term as Chair will end in April. Alex Levy will become the Chair of the Committee. Members and friends thanked Tom for his service and dedication. Tom will continue to be involved at least through the mid-year meeting at ICOET.
3. **TRB issues and news** – Christy Gerencher, Senior Program Officer & Staff Representative updated the group on TRB news. A TRB twitter account set up. There were 10,700 attendees this year, a new record. The next annual meeting is January 22-25 2012. The spotlight theme next year is: Transportation: Putting Innovation and People to Work. TRB did not prepare a CD this year; papers will be totally on line- www.aronline.trb.org . The site is now open to all registrants; in mid-February presentations will be available (using a viewer, won't be able to download) and sessions will be uploaded. All registrants, and sponsors will have free access using your email address. Comments on this new system will be appreciated. The papers will likely be available in perpetuity. Our committee presentations will continue to be on our own website. There is new content on standing committees on TRB website. Feedback from last year helped shape the content, located at www.trb.org/technicalactivities. Committee web pages will also be updated, as they currently contain just members and committee mission. She will be contacting us for input. There was discussion of phone/internet access. TRB is experimenting with internet and phone access this year. Having phone access in all rooms is unaffordable.
4. **Environment and Planning Section** –Mark Kross introduced himself; formerly of MoDOT and former chair of Environmental Analysis; now incoming TRB Planning and Environment Group Chair, replacing Kate Quinn. He provided Section updates. TRB is looking at one new committee related to Marine Safety and a Task Force on data knowledge management. Mark emphasized the importance of generating research ideas since many are funded from our Section. New publications include a Research Results Digest 350 *Continuing Project to Synthesize Information on Highway Problems: 2011* and a pamphlet on competitive funding sources for transportation (www.Trb.org/research_funding) . Mark said that TRB has increased the number of young members to 4, so we can add some new members. Our committee rotation is due in January 2012. We will need to update our strategic plan in 2013. In actuality we should be doing this continually; we need to check on what is on website to make it sure matches what we think; and then we need to keep it current.

Mary Gray and Deb Nelson asked if members/friends would let the committee know about presentations, here and elsewhere. This is one of the goals in our triennial plan. There was discussion on our sessions at this meeting. The session on wildlife crossings was very strong, with two specific papers and one general paper that was very applicable to the subject matter. Our second session on low volume roads and ecology included a discussion on the indirect effects of

sustainability (transportation needs of renewable energy) on roads. The paper on toxicity of various dust suppressants will continue its research into field testing. There was also an excellent paper on fish passage on low volume roads. There was positive feedback on the Sunday workshop (ARC wildlife crossing competition) where the five finalists gave presentations. WTI and Nina-Marie Lister (check spelling) were instrumental in getting this going. This event generated a lot of publicity including a YouTube video, news articles in NY Times, Denver Post, and Wall Street Journal, and display in Congress with presentation by Congressmen Jared Polis and Rush Holt, sponsors of the Wildlife Corridors Conservation Act.

5. Subcommittee Reports

1) **Communication** - Marcia Bowen

The committee accomplished the following activities:

- a. Minutes of the 2010 Annual meeting and 2010 summer meeting were distributed, approved and posted on the website.
- b. Two newsletters were prepared.
- c. The members and friends email list was kept updated with regular dissemination of noteworthy items.
- d. Attendance at Committee Communications Coordinators “CCC” webinar.
- e. The committee website was kept up to date (see website report).

Marcia noted that there is a TRB initiative to use social networking tools to communicate with members and friends. Those present indicated a preference for LinkedIn over Facebook/Myspace, because it is more professional. Marcia will send out a short survey.

2) **Web Site** – Chris Gesing (in absentia)

The following are the activities since the June 2010 Business Meeting in Raleigh, NC:

- a. Posted a link for the 2011 International Conference on Ecology and Transportation Announcement/Save the Date website.
- b. Posted the Winter 2010-2011 Newsletter.
- c. Posted a link to the 2011 TRB Annual Meeting Website and Annual Meeting & Workshop Agenda.
- d. Posted the January 2010 Business Meeting Minutes.
- e. Continued updating the Home Page with announcements, registrations and preliminary program information for TRB Annual Meeting and ADC30 Summer Workshop. *Special thanks to Nancy Bailey at CTE for promptly posting the website updates.*

On-going Efforts

- Keep the website updated with current events/news
- Maintain the listserv
- Continue collecting session and presentation materials at the TRB Annual Meetings and ADC30 Summer Workshops and making the information available from the “Conferences” web page.
- Post ADC30 business meeting minutes as they are approved
- Post Subcommittee Goals and Objectives as they are developed and approved
- Post links and information of interest to the Committee (e.g. AASHTO research) on the website

- 3) **Liaison** – Lars Carlson: committee members and friends are continuing to reach out to other committees. Those who attend other committee meetings should send an email synopsis to Lars, who will provide to Marcia for dissemination. Deb Nelson mentioned Ed Wallingford ADC60 is having a conference with historic preservation committee in Portland OR on July 25-27 with a theme of balancing sustainability and livability.
- 4) **Programs** – Alex Levy (paper review coordinator) reported that we received 3 papers for review; these are assigned by section heads unless papers are earmarked for a committee. We had 23 reviewers responded to request for review, which is great response. Generally 1 out of 4 papers are approved for publication as a peer-reviewed publication. Next year's theme doesn't seem that applicable to our mission, so we may need to be creative. ICOET presentations often are fodder for annual meeting. Posters: in the past, there is usually a call for papers; some are accepted for publication or presentation and some accepted as posters (research in progress). This year the Environmental Analysis Committee had a call for posters; our committee could do this to get more 'not ready for lectern papers', especially from students. Deb Nelson mentioned that connections are important, more important than having ADC030 banner; innovation and decision support tools could be part of next year's themes. We could also do a joint call with other committees. Ecosystem resilience/complex systems are research topics that could be incorporated. Landscape/hydraulics/hydrology are other committees that we could link up with. Deb's paper was integrated with pavement/culverts, and thus was seen by a different audience. Winter maintenance.
- 5) **Research** – Patricia Cramer : Patty passed out a report based on research priorities identified during the Mid Year conference. The conference focused research needs on four topics (Energy, sustainability, livability, climate change) to identify cross cutting research needs; a pre-conference workshop identified research needs in these categories; then conference participants voted on their priorities. A conference summary was prepared and presented to FHWA as a guidance document for research priorities for their funding programs (STEP, NCHRP, etc). Patty felt these topics weren't exactly in line with our priorities. She listed two as high priority: 1. how can we facilitate wildlife movement vis a vis climate change; and 2: how to develop sustainability- metrics. This information needs to be posted on our website, but is integral to our mission. She asked that Chris Gesing make a tab on website for "research needs" (in the blue bar). Within this, we need several areas- research needs statements; research that is "on the ground"; research results; the research needs document that was created in the 2010 mid year meeting; and the 2525 tasks that are going on now- with links. She recommended that we pull out those specific to our committee. This would help us know where are we going, where have we been, where are we today. The goal is to be a 'go to' place for practitioners in transportation ecology. We can send content to Chris, which is simple, but keeping the content current is key. There was discussion about other research areas (AASHTO, TRIS research in progress). This subcommittee will be meeting. Patty needs help from Committee to implement. She thinks the Committee should put out two research statements in next couple of months (#1 on our list; plus Bridget Donaldson has a very specific research item). Deb Nelson emphasized the need statements should be broad so that other committees can co-sponsor; we also need to have a DOT sponsor.
- 6) **Steering Subcommittee** – Mary Gray, Deb Nelson, Susan Hagood. The Steering Committee Report has been updated. People should keep sending things in, especially

the subcommittee chairs. Tom said we have the reputation for being a well functioning committee.

6. **Wildlife Society Professional Certification Program** - Joe Burns said that if you are a certified wildlife biologist (or aspiring) see Joe re: getting credits.
7. **Agency Updates** : The FHWA report was given by Bethany Bacher-Gresock, the new team leader (Carol Atkins retired); she reported that Marlys Osterhuse is the new mitigation team leader. FHWA just completed the Ecological Successes document with the assistance of Volpe and others. Jimmy Kagan, one of 15 original Eco-Logical grantees, will be tracking implemented projects. FHWA is also supporting SHRP 2 efforts.

The USFWS report was given by Catherine Liller. USFWS is working with FHWA/Volpe to develop an Endangered Species Act web tool. They are also planning to link USFWS and FHWA databases. USFWS is working with Colorado DOT on maintenance projects. They are correlating Northern Rockies wildlife corridor movements/climate change effects. They are also trying to work with state USFWS/DOTs in Every Day counts initiatives with FHWA. In addition, they are assisting with the development of Long Range Transportation and Refuge Plans for federal lands. Each regional office is doing a regional plan.

The Corps of Engineers report was given by Michael Lamprecht . The Corps is updating the wetland plant list, which is now out on public notice for a 60-day comment period. The Corps nationwide permits will expire in March 2012. Michael is expecting that draft regulations will be released in early February (was issued in FEDERAL REGISTER NOTICE Vol. 76, No. 32 February 16, 2011 pp. 9174-9210). Each District will also release draft regulations via public notice, with a 45-day comment period. The Corps is also working on cumulative impact analysis. The Corps just released a new HGM model for West Virginia/Kentucky high gradient streams. The model is currently being validated. Michael's focus is the transportation community-of practice quarterly discussions; and EDC discussions, with feedback to FHWA. The Corps has tools to help review projects including programmatic approaches such as the Highway Methodology, which merges 404 and NEPA, and roadside ditch definition.

Laura Bachle from EPA Office of Water gave the EPA report. There is new guidance on the geographic definition /jurisdiction of the Clean Water Act, including a definition of fill (post SWANCC), new rulemaking and waste treatment exclusion. EPA is conducting rulemaking on Clean Water Act NPDES. She passed out a handout on training. EPA is working on stormwater; sustainable communities; and green highways. They have developed a watershed registry pilot that is now ready for prime time; look for webinars. EPA is also developing deicing alternatives to chlorides to reduce adverse effects on drinking water.

Sandy Jacobson gave the USFS report. They are developing a watershed-based ecological framework for assessment, called the Watershed Condition Assessment. This initiative lines up well with Eco- Logical. They are also updating their wildlife crossing toolkit; the first iteration (2002) is now obsolete due to emerging science and web advancements. The new and improved Wildlife Crossings Toolkit will be back online to the public later this winter (<http://www.fs.fed.us/wildlifecrossings>). The emphasis of the website is transportation ecology tools for natural resource managers. One section is on how to retrofit existing crossings to allow wildlife passage. Sandy is also working on a Deer Vehicle Collision avoidance video, which will be completed at the end of September 2011. The focus is on avoidance with emphasis on human/driver safety. Another project is a rapid assessment of two state STIPs for projects with

potential threats or opportunities to terrestrial wildlife. The emphasis in the assessment was to develop a process to better identify and track information of interest in STIPs to natural resource managers, so that resource agencies would be better able to engage early and in a more constructive manner. The process could be duplicated in other States. This could be linked to TCAP for transportation planning.

Marie Venner reported that the FHWA STARS (Structured Transparent Accountable Reproducible Sustainable) workshops for MPOs will be held at 6 additional locations including West Virginia, Kansas, and others. She reported that the SHRP2 C06 program, specifically Jimmy Kagan, is building on early interagency work on Eco-Logical; he has sent queries to practitioners on how it is being implemented and identifying ways to improve. Eco-Logical's advance mitigation and programmatic approaches interface well with EDC. Weblink: <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=2423>

8. Organization Updates – CTE James Martin spoke. There is a lot of concern about funding, specifically as it might affect the UTC program. CTE has been involved in other research (see handout) including development of a NCDOT sustainability blueprint; a Complete Streets guidelines/initiative with NCDOT; and just wrapped up CSS National Dialogues (6 across country); some additional workshops may be funded later this year; They have not scheduled 2011 teleconferences yet but will be scheduling them in the near future. CTE is sponsoring ICOET in Seattle on Aug 21-25 2011. There is a call for abstracts that is still open, now extended to Feb 15; 41 abstracts have been submitted so far. They need reviewers. Check the website (www.icoet.net) as on-line registration is available. There will be some limited travel subsidies for presenters. \$750 max US, \$1000 international subsidy. The theme is sustainability in motion (which goes beyond wildlife crossings and animal/vehicle collisions). Since ADC10 will also be having its summer meeting there, they are looking for broader topics of joint interest such as innovative engineering designs, interagency partnerships, etc. ADC10 should be submitting abstracts as well. Our committee can also suggest sessions as well.

Road Ecology Center: Allison sent in a report (attached); they are interested in Pacific Rim collaboration. They have recently published a paper on fragmentation plus a guidance document for Caltrans on wildlife crossings and conducted a California connectivity forum.

WTI is continuing monitoring/research on crossings and animal detection systems on I-90; testing swimming/jumping abilities for juveniles/adult fish species. They sent group to China to investigate road ecology there. Trish asked about the economics of an animal vehicle collision investigation.

9. **NGOs** – The Defenders of Wildlife was given by Trish White. The Conservation Registry database of conservation measures has been established; it is interactive and collaborative. It is important for practitioners to populate; currently includes wildlife crossings. Information can be sent to Trish if you don't have time to put information. Defenders is supporting research and followup initiatives in the Highway Bill. To support this, it is important to get success stories to Congress to demonstrate how research pays off. They are also getting governors and MPOs to declare Wildlife Awareness Week. Trish said they have a volunteers all over the country that are willing to help (pull weeds, etc) in conservation initiatives- so contact her if you need assistance. She reported that the Transwild Alliance coalition of NGOs continues to grow.

10. **Future Meetings:** ICOET 2011 / ADC30 Summer Meeting - Seattle, Washington - August-20-25. Tuesday night meeting. Shorter. Conference calls for subcommittees. 2012 – Annual Meeting: January 22-25
11. **New business:** There was discussion about more collaboration with GIS subcommittee. At next year's annual meeting, we only have 2.3 sessions since one will come from ICOET. There is also potential for a workshop. Cross group sessions do not count towards our total if they are on critical issues.
12. **Subcommittee meeting time:** Subcommittees may have met, but many left due to weather.

Attachment 1 Agenda

TRB ADC 30 Committee on Ecology and Transportation Annual Business Meeting January 26, 2011 3:45 – 5:30 PM Hilton – Columbia Hall 9 & 10 Agenda

1. Introduction of members, friends and guests – **Please sign and return the attendance form**
2. Remarks by the chair – Tom Linkous
TRB Update
3. **TRB issues and news** – Christy Gerencher, Senior Program Officer & Staff Representative
- 3a. **Environment and Planning Section** – Kate Quinn
4. **Subcommittee Reports**
 - Communication** - Marcia Bowen
Approval of minutes of the ADC30 Business Meeting 2009 Summer Meeting
Web Site – Chris Gesing
 - Liaison** – Lars Carlson
 - Programs** – Alex Levy (paper review coordinator)
 - Research** – Patricia Cramer
 - Steering Subcommittee** – Mary Gray (Deb Nelson, Susan Hagood)
5. **Wildlife Society Professional Certification Program** - Joe Burns
6. **Agency Updates** – FHWA, USFWS, USFS, USEPA, Others
7. **Organization Updates** – CTE, Road Ecology Center, WTI, VTRC, others?
8. **NGOs** – Humane Society of the US, Defenders of Wildlife, others?
9. **Future Meetings**
 - ICOET 2011 / ADC30 Summer Meeting - Seattle, Washington - August-20-25
 - 2012 – Annual Meeting
10. Old business
11. New business
12. **Subcommittee meeting time**

Attachment 2 Attendance Roster



Attendance Roster

Committee: Ecology + Transportation (ADC 30)

Committee Chair: Tom Linkous

Date/Time/Location: January 26 2011 2:30-6. Columbia 9, A. Ithaca

Name	<u>MARCI A BOWEN</u>	Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>Normandeau Associates Inc</u>	
Email	<u>mibowen@normandeau.com</u>	
Phone/Fax	<u>207 518 6766 / 207 297 7777</u>	
Name	<u>LARS CARLSON</u>	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>JACOBS</u>	
Email	<u>Lars.Carlsan@Jacobs.com</u>	
Phone/Fax	<u>617-532-4387 , 617-532-4402</u>	
Name	<u>Sandra Jacobson</u>	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>USDA Forest Service</u>	
Email	<u>Sjacobson@fs.fed.us</u>	
Phone/Fax	<u>541-678-5240</u>	
Name	<u>Marie Venner</u>	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	<u>Venner Consulting</u>	
Email	<u>marie@vennerconsulting.com</u>	
Phone/Fax	<u>303-798-5333</u>	
Name	<u>BRIAN YANCHIK</u>	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>FHWA - OTS - RC</u>	
Email	<u>BRIAN.Yanchik@DOT.GOV</u>	
Phone/Fax	<u>443.522.9446</u>	
Name	<u>Mary GRAY</u>	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>FHWA</u>	
Email	<u>mary.gray@dot.gov</u>	
Phone/Fax	<u>360-175367456</u>	
Name	<u>Deb Nelson</u>	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	<u>NYS DOT</u>	
Email	<u>dnelson@dot.state.ny.us</u>	
Phone/Fax	<u>518-485-5479</u>	

Name	James Martin	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	CTE	
Email	jbm@ncsu.edu	
Phone/Fax	(919) 515-8620	
Name	Thomas E. Linkous	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	AOA	
Email	mlinkous@insightrr.com	
Phone/Fax	(614) 891-7997	
Name	ALEX LEVY	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	ARCADIS	
Email	alex.levy@arcadis-us.com	
Phone/Fax	(6) 770-384-6595 (m) 404-423-0311	
Name	Joseph Burns	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	U.S. Forest Service	
Email	jburns@fs.fed.us	
Phone/Fax	202 205 0919	
Name	Bridget Donaldson	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	Virginia Transp. Research Council	
Email	bridget.donaldson@vdot.virginia.gov	
Phone/Fax	434-295-1922	
Name	PATRICIA CRAMER	Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization		
Email		
Phone/Fax		
Name	Keith Knapp	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	IOWA LTAP	
Email	kknapp@iastate.edu	
Phone/Fax	515-294-8843 / 515-294-0467	
Name	Mary Howland	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	USDA Forest Service	friend request
Email	mrowland@fs.fed.us	
Phone/Fax	541-962-6582	

Name	Patrick McGowan	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Western Transportation Institute	
Email	Pat m @ coe.montana.edu	
Phone/Fax	406 994 6529	
Name	John Stuart Ridout	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ^(Friend)
Organization	Clemson University	I am interested in being a <u>young committed member</u>
Email	JRIDOUT@CLEMSON.EDU	
Phone/Fax	804 286 5880	
Name	Eva Hsu	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (friend)
Organization	ICF International	
Email	ehsu@icfi.com	
Phone/Fax	646-695-8128	
Name	Jose Jimenez	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	CAL X MAYOR	
Email	jjimenez@calymayor.com.mx	
Phone/Fax	+52(55)50336190	
Name	BRIAN SAYRE	FRIEND OF Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	DEWBERRY	
Email	bsayre@dewberry.com	
Phone/Fax	973-576-9637	
Name	Edward Samanns	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Louis Berger Group, Inc	Add to Friend List.
Email	esamanns@louisberger.com	
Phone/Fax	973-407-1468	
Name	Jimmy Kagan	Friend of Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Institute for Natural Resources	
Email	Jimmy.Kagan@oregonstate.edu	
Phone/Fax	503.725.9955 / 503.725.9960	
Name	Cathy Giesbrecht	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Ontario Ministry of Transportation	Add to Friend List
Email	Cathy.Giesbrecht@ontario.ca	
Phone/Fax	519-873-4560 / 519-873-4600	

Name	Bethany Williams	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	USGS - Columbia Environmental Research Center	
Email	bkwilliams@usgs.gov	
Phone/Fax	573-441-2998	
Name	Ed Little	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	USGS - Columbia Environmental Research Center	
Email	e.little@usgs.gov	
Phone/Fax	573-876-1817	
Name	Catherine Liller	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	U.S. Fish & Wildlife Service	
Email	catherine_liller@fws.gov	
Phone/Fax	303-236-4318	
Name	MICHAEL LAMPRECHT	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	U.S. ARMY CORPS OF ENGINEERS	request to be
Email	MICHAEL.J.LAMPRECHT@USACE.ARMY.MIL	a friend.
Phone/Fax	202-761-4599	
Name	LAURA BACHLE	Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization	U.S. ENVIRONMENTAL PROTECTION AGENCY.	
Email	BACHLE.LAURA@EPA.GOV	
Phone/Fax	202-566-2468	
Name	MICHAEL RUTH	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Federal Highway Administration	request to be
Email	mike.ruth@dot.gov	a "friend"
Phone/Fax	202-366-9509, 202-366-7660	
Name	Bethaney Bacher-Gresock	Member <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Organization	Federal Highway Administration (HQ but soon WI)	
Email	Bethaney.Bacher-Gresock@dot.gov	
Phone/Fax	202-366-4196	
Name	Asim Zia	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	University of Vermont	request to be
Email	Asim.Zia@uvm.edu	a friend
Phone/Fax	802-656-4695	

Name	Ben White	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Alaska Department of Transportation	
Email	ben.white@alaska.gov	
Phone/Fax	(907) 465-6961	
Name	Mark Kross	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	Jefferson City, MO	
Email	mark.kross@embarrmail.com	
Phone/Fax	(573) 636-5145	
Name	Kate Kurgan	Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization	AASHTO	
Email	kurgan@aaasho.org	
Phone/Fax	202-624-3635	
Name	Julianne Schwarzer	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	USDOT-Volpe Center	
Email	julianne.schwarzer@dot.gov	
Phone/Fax	617-494-3259	
Name	Corrie Veenstra	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	FHWA <i>Can I be a friend?</i>	
Email	corrie.veenstra@dot.gov	
Phone/Fax	202-366-8168	
Name	Brian Smith	Member <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Organization	FHWA - Resource Center	
Email	bsmith@dot.gov <i>(already receiving email)</i>	
Phone/Fax	708-283-3553	
Name		Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization		
Email		
Phone/Fax		
Name		Member <input type="checkbox"/> Yes <input type="checkbox"/> No
Organization		
Email		
Phone/Fax		

Attachment 3 Handouts

CTE Update

January 2011

The Center for Transportation and the Environment is a national University Transportation Center funded in part by the U.S. Department of Transportation. CTE's mission is to help transportation and environmental agencies and stakeholder groups collaborate on the design and implementation of solutions that improve transportation systems while protecting the nation's critical natural resources and the vitality and livability of its communities. For more information, visit www.cte.ncsu.edu.

RECENT RESEARCH PROJECTS

- NCHRP 25-25 Task 69: Identification of Tools and Techniques to Define Community Context as Part of the Transportation Project Planning and Development Process
- NCHRP 20-63B: Performance Measurement Tool Box and Reporting System for Research Programs and Projects
- NCDOT Sustainability Performance Project
- North Carolina Complete Streets Guidelines and Training

RESEARCH PUBLICATIONS

- 89th Annual TRB presentation "CSS National Dialog: Highlighting Connections between Transportation and Communities" Ann Hartell and James Martin
- 89th Annual TRB presentation "Workshop: The Role of Integrated Planning in Developing Sustainable Transportation Strategies" Leigh Lane
- 89th Annual TRB presentation "Raleigh's Art-on-the-Move Program: Leveraging an Existing Program, Building Interagency Partnerships, and Coping with Local Regulatory Constraints" Ann Hartell
- 89th Annual TRB presentation "Title VI, Environmental Justice, and Limited-English Proficiency Effective Practices" Leigh Lane

CONFERENCES & WORKSHOPS

- **Coming Up!** 2011 International Conference on Ecology and Transportation, August 21-25, 2011, Seattle, WA (*lead organizer*).
- CSS National Dialog Workshops, Austin, Texas - October 20, 2009; Portland, Oregon - December 7, 2009; Charlotte, North Carolina - February 4, 2010; Rutgers University, Piscataway, New Jersey - March 16, 2010; University of Minnesota, St. Paul - April 22, 2010 (*lead organizer*).

RECENT TELECONFERENCE BROADCASTS

- Best Practices in Addressing NPDES and Other Water Quality Issues in Highway System Management: Results of a U.S. Domestic Scan Tour, March 25, 2010 (*CTE National Broadcast*).
- DOT-HUD-EPA Interagency Partnership for Sustainable Communities, November 9, 2009 (*CTE National Broadcast*).
- CSS National Dialog Summary, August 11, 2010 (*CTE National Broadcast*).



CTE

Center for Transportation and the Environment

Institute for Transportation Research and Education
North Carolina State University Centennial Campus
Box 8601, Raleigh, NC 27695-8601
(919) 515-8893 www.itre.ncsu.edu/cte



Road Ecology Center
University of California, Davis



Co-Directors

Alison M. Berry, Professor
Department of Plant Sciences
UC Davis

Fraser M. Shilling, Research Scientist
Environmental Science & Policy Department
UC Davis

Highlights of Recent & Current Projects of the Road Ecology Center

- 1) Developed an economic valuation approach for environmental impacts of transportation in partnership with Caltrans and other state and federal entities (2008-2010).
- 2) Developed the *California Wildlife Crossing Guidance Manual* for Caltrans (2009), http://www.dot.ca.gov/hq/env/bio/wildlife_crossings/.
- 3) Organized the 2nd California Connectivity Forum, 2010 (December 1, 2010) in collaboration with Defenders of Wildlife and the University Transportation Center.
- 4) Continued monitoring of wildlife movement alongside and across/under Interstate 80 in the Sierra Nevada (University Transportation Center-funded; ongoing).
- 5) Building a "Road Effect Zone" GIS model for use in understanding and mitigating effects of transportation infrastructure (2010).
- 7) Developing a regional connectivity strategy for use in regional land-use and transportation planning, in partnership with California Department of Fish and Game, US Fish and Wildlife, Defenders of Wildlife, and local governments/municipal planning organizations (2010-2011).
- 8) **Constructed the first-of-their-kind statewide web-sites for reporting roadkill (ongoing): the California Roadkill Observation System (<http://www.wildlifecrossing.net/California/>) and Maine Audubon Wildlife Road Watch (<http://www.wildlifecrossing.net/Maine/>). The latter was highlighted recently (January, 2011) in a Federal Highways Administration "Successes in Stewardship" newsletter: (<http://www.environment.fhwa.dot.gov/strmlng/newsletters/jan11nl.asp>).**
- 9) Collaborating with Caltrans District 4 to study wildlife movement along I-280 (Bay Area) to inform large-scale remediation of the interstate to reduce wildlife-vehicle collisions (2011-2013).
- 10) Collaborating with Caltrans District 4 on a project sponsored by TRB-SHRP2 (C21C) to develop a stewardship-based corridor plan for highway 37 in the Bay Area (2011-2013).

We are interested in joint road-ecology collaborations with Pacific Rim countries, where transportation infrastructure is developing rapidly:

Li T, Shilling FM, Thorne JH, Li F, Schott H, Boynton R, and AM Berry (2010)
Fragmentation of China's Landscape by Roads and Urban Areas. *Landscape Ecology* 25 (6), 839 – 853.

<http://www.springerlink.com/content/p0408368201676q4/>