

68th Annual Tri-State Geological Field Conference
October 5-7, 2007
Friday-Sunday
River Falls, Wisconsin

University Center
University of Wisconsin-River Falls



**NAGT National Association
of Geoscience Teachers**

Hosted by: Geology Faculty, Plant & Earth Science Department, UW-River Falls
With support from the National Association of Geoscience Teachers (Central Section)

Co-Coordinators: Dr. Kerry Keen and Dr. Michael Middleton
Plant & Earth Science Department, UW-River Falls

**Paleozoic Stratigraphy to Quaternary Features
of the River Falls Area,
with a Special Trip to the Rock Elm Impact Structure**

The 2007 (68th) TRI-STATE geological field conference will be held from Friday evening through mid-day Sunday, October 5-7, 2007 and will explore a range of geologic topics spanning Phanerozoic Time. On Saturday, we will observe several lower Paleozoic rock units, and discuss stratigraphy, weathering, and paleokarst features. An unusual unconformity is cut into one of these units. We will also visit an interesting structure present within pre-Illinoian glacial deposits in a gravel pit. The use of the on-campus stream valley as a hydrogeology teaching laboratory will be presented. A special car-caravan field trip on Sunday morning takes participants to the Rock Elm Disturbance, a Paleozoic impact structure located southeast of River Falls.

The conference will be centered at the new University Center on the University of Wisconsin-River Falls campus. Saturday field trip is by chartered coach buses. Sunday morning field trip is by car caravan.

Registration and Pre-Meeting Mixer - Friday, October 5th

Registration (and pick up of materials) will take place in the lower level lobby area adjacent to the Falls Room on the south side of the University Center (715-425-4444), beginning at 6:30 p.m. Friday, Oct. 5 through 9:30 p.m. A pre-meeting mixer with a cash bar will take place in the Falls Room, immediately adjacent to the registration area from 7:00 to 9:30 p.m.

Green Building Tours: The University Center, which opened in 2007, is a model green building. Tours of the University Center highlighting its green building features will be offered for interested participants on Friday evening during the mixer. Check on details/times when you arrive at the registration desk.

Lodging:

1. **Super 8 Motel**, 1207 St. Croix St., River Falls, 715-425-8388. **NOTE** - Special group rate available if room is booked by 9/5/07. Group name: Tristate, code: CGTRIS
2. **America's Best Value Inn**, 708 N. Main St., River Falls, 715-425-6707.
3. **River Falls Motel**, 1300 S. Main St., 715-425-8181.
4. **Country Inn**, 1525 Commerce St., River Falls, 715-425-9500.

Additional lodging available in Hudson, WI (~ 8 miles north)

Camping:

5. **Hoffman Park**, 547 Hansen Dr., River Falls, small city campground, 15 sites, no reservations, pay box.
6. **Willow River State Park**, 1034 Cty Hwy A, Hudson, for info on location and camping:
<http://dnr.wi.gov/org/land/parks/specific/willowriver/>

FIELD CONFERENCE SPONSORS

Central Section-National Association of Geoscience Teachers (NAGT)
Department of Plant and Earth Science, University of Wisconsin-River Falls
River Falls Geological Society (Geology Club)

PRELIMINARY SCHEDULE

Friday, Oct. 5, 2007

Registration/Check In: Lower Level Lobby, University Center, UW-River Falls
7:00 – 9:30 p.m.

Mixer: Falls Room (Lower Level), University Center, UW-River Falls, 7:00 – 9:30 p.m., Beer & Wine Cash Bar

Green Building Tours: Tentative Times: 7:30, 8:00, 8:30 p.m.; Check for details at Registration Table.

Saturday, Oct. 6, 2007

Registration/Check In: Lower Level Lobby, University Center, UW-River Falls
7:30 – 8:00 a.m.

Coffee/Donuts: South Side of University Center, (outside of registration area), 7:45 – 8:15 a.m.

Load Buses: 8:15 a.m.

Depart on Buses: 8:30 a.m.

Saturday, Oct. 6, 2007, continued:

Geology Field Trip

Stop 1 - Roadcut through St. Peter Sandstone, Field Observation Exercise, Stratigraphy, Weathering Profile, Unusual Unconformity.

Stop 2 - County Road U Roadcut and Rohl Quarry; Stratigraphy and Features of the Platteville Formation.

Stop 3 – Rest Stop and Light Snack, Wisconsin Travel Info Center, Hudson, WI.

Stop 4- Hanley Road, Hudson, WI; Roadcut through Prairie du Chien Group, Oneota Formation; Stratigraphy and Paleokarst Features, Faults, and Minerals.

Stop 5 – Buffet Lunch - Camp St. Croix (YMCA) near Hudson, WI; Self-guided walk down to beach of Lake St. Croix, beach and glacial sediments, seeps.

Stop 6 – Rohl Quarry, County Rd. MM, Southwest of River Falls; Glacial deposits and sequence; and an interesting structure in glacial sediments.

Stop 7 - Valley of the South Fork of the Kinnickinnic River, on the UW-River Falls campus; Use of the stream corridor as an outdoor hydrogeology laboratory.

Return to University Center, 5:15 p.m.

Saturday, Oct. 6, 2007

Full Cash Bar:

Riverview Ballrooms C & D, 2nd Floor, University Center, UW-River Falls 6:30 – 7:30 p.m.

Dinner / Meeting:

Riverview Ballrooms C & D, 7:00 – 8:00 p.m; Brief Tri-State ‘Business’ Meeting 8:00 p.m.

Speaker:

Dr. Anthony Runkel, Chief Geologist, Minnesota Geological Survey, *Sequence stratigraphy of cratonic interior sheet sandstones: Are they really so “special”?* Riverview Ballrooms C & D, 8:15 – 9:15 p.m.

Sunday, Oct. 7, 2007

Special Field Trip:

The Rock Elm Disturbance – Impact Structure (5 field stops); Transportation by car caravan.

8:00 a.m. Assemble at University Center.

8:15 a.m. Depart University Center.

12:15 p.m. End of Field Trip (approx. 30 miles southeast of River Falls; cars depart for home).

Sunday, Oct. 7, 2007

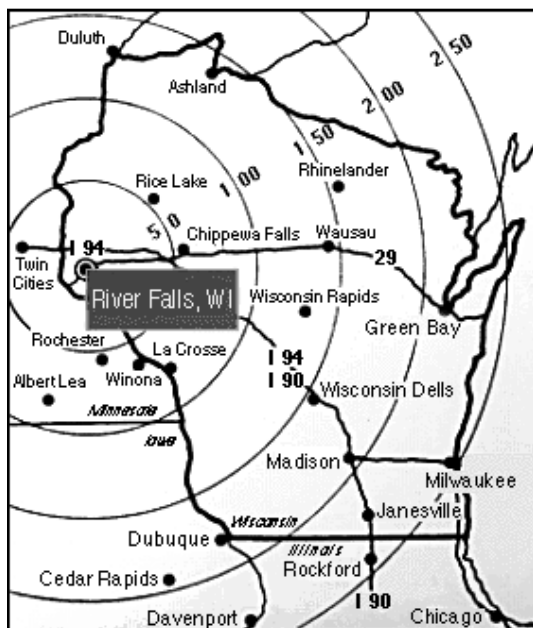
UWRF Geology/Earth Science Alumni Gathering (Post Trip)

12:30 p.m. UW-River Falls Geology and Earth Science Alumni will plan to gather for lunch at Nugget Lake County Park following the Sunday morning field trip. Picnic lunch provided.

Note on Dietary Restrictions: If you have dietary restrictions, please send an e-mail to catering@uwrf.edu. In the subject heading please indicate "Tri-State Geology_Oct6"

Field Conference Co-Coordinators: Dr. Kerry Keen and Dr. Michael Middleton, Plant & Earth Science Department, Phone: 715-425-3345, kerry.l.keen@uwrf.edu or michael.d.middleton@uwrf.edu

Directions, Maps and Parking Information:



A map of the City of River Falls showing location of motels and UWRF campus is available at: <http://www.uwrf.edu/map/images/city-map.pdf>

The reference number of motels shown on the map match the motels listed above (see Lodging).

A campus map is available at: http://www.uwrf.edu/map/par_map.pdf

On-campus conference activities will take place at the new University Center (#20) on the map. Please park in the parking lot directly south of the University Center (F); if it is full, additional parking is available to the west in lot N or to the east in lot T. **Please Note:** Parking after 4:30 p.m. on weekends is free in these three lots.

Directions are included on page 2 of this pdf. The University Center is accessed from the intersection of Cascade Avenue and Sixth Street.

REGISTRATION FORM

68th Annual TRI-STATE Geological Field Conference UW-River Falls, Oct. 5-7, 2007

Pre-Registration Deadline is Thursday, September 20th

Registration Fees cover the conference attendee's guidebook, lunch, snacks, bus transportation to trip stops, and Conference Banquet.

Name: _____

Affiliation: _____

Mailing Address: _____

City: _____ State: _____

Zip Code: _____

Phone: _____ (Fax: _____)

Email Address: _____

Pre-Registration through Thursday September 20th, 2007 (Indicate Status Below and Circle Correct Fee)

Fee

_____ Professionals (and UWRF Alumni – FULL Trip)	\$60.00
_____ Students (current)	\$40.00
_____ K12 Teachers	\$45.00
_____ UWRF Alumni (SUNDAY only)	\$10.00

Onsite Registration October 5-6, 2007 (but please contact us by Oct. 2 to ensure space/meals)

_____ Professionals (and UWRF Alumni – FULL Trip)	\$70.00
_____ Students (current)	\$45.00
_____ K12 Teachers	\$50.00

PAYMENT: by check or money order, payable to: PES (or Plant & Earth Science Dept. - UWRF)
Please indicate "TRI-STATE 07" on your check..

Mail Registration Forms and Payments To: Susan Freiermuth, 2007 Tri-State Geology Field Conference, Plant & Earth Sci. Dept.-UWRF, 410 S. 3rd St., River Falls, WI 54022

Note to all participants: Trip participants should all have hard hats and eye protection at selected stops. UWRF can provide hard hats for individuals that do not have protective head gear.