16th International Alpine Workshop and 5th River Conference – Lech & Isel 2018
from 4th June to 11th June 2018 at Breitenschwang - Reutte and Lienz (Austria)

Organized by Norbert Müller (D-FH Erfurt) & Helmut Kudrnovsky (A-Kematen)

1st Announcement 03rd February 2018 – 1. Invitation workshop and Call for presentations (deadline 10. February 2018)
2nd Announcement 14th February 2018 – Confirmation of presentations and announcement workshop on the website
3rd Announcement 30th May 2018 – Workshop proceedings including detailed work program

The Lech in the Northern Alps and the Isel in the Central Alps (Austria) are one of the most important alpine river systems regarding the European Union Habitat - and Bird Directive.
The focus of 16th International Alpine Workshop will be to demonstrate and discuss the different structural variations of the European Union habitats especially in the Northern - & Central Alps. This theme will be also the topic of our 5th River Conference hold as workshop: “Monitoring and managing European Union species and habitats of alpine rivers” during the Forum Alpinum http://2018.forumalpinum.org in Breitengwang (Reutte Tyrol). At Breitengwang - our first meeting point - we will have the possibility to join the 1st Modul of the Forum Alpinum. From special interest for our workshop will be the presentation and excursion the the 2nd Life project at the Tyrolean Lech river.

Programme (15.02.2018):
04 June Monday 13.00 Opening of the Forum Alpinum A- Breitengwang (Reutte)
13.30 Participation Modul I Forum Alpinum: Hydrological hotspots in the Alps
16.00 – 16.30 Coffee Break
16.30 – 19.30 Forum Alpinum: Presentations and excursion of the 2nd Lech Life project
19.30 – 22.00 Welcome and Local Dinner & Music (Bluatschink) (a special table will be reserved for our group)

05 June Tuesday 08.00 Weißenbach Car park Schwimmbad: Excursion to the Lech by Weißenbach –
Demonstration 3220, 3230, 7230, 7240* and mapping Typha minima
15.00 – 16.30 5th River Conference hold as Workshop at the Forum Alpinum
“Monitoring and managing European Union species and habitats of alpine rivers” (see next page)

06 June Wednesday 9.00 Forchach Car park Urban: Mapping 3220, 3230, 3240, 7230, 91E0, Erica carnea Pine forests at the Lech floodplains near Forchach (comparison with Müller & Bürger 1990)
07 June Thursday 9.00 Bsclabs Car park Dorfkirche - Excursion Lech catchment area and Streimer Bach
15.00 trip to Lienz
19.00 Arrival Lienz Pension Vergeiner http://www.pension-vergeiner.at/
20.00 Introduction Isel excursion and dinner in local Beer garden

08 June Friday 8.00 Departure Pension Vergeiner: Isel catchment area Kalserbach bei Pradell and Tauernbach Proseggklamm
09 June Saturday 8.00 Dep. Pension Vergeiner: Isel upper course near Matrei and St. Johann
10 June Sunday 9.00 dep. Pension Vergeiner: Drau restauration & reintroduction Typha minima and Myricaria 19.00 Farewell Party

11 June Monday departure
Registration for the Alpine Workshop: please send your enquiry latest until the 1st March to
n.mueller@fh-erfurt.de - you will get immediately a confirmation (in max 15 persons).

After the confirmation please make your registration for the Forum Alpinum for the 1. Day - there is a reduced fee of 30.- for our group – this is including coffee break and the Welcome dinner on Monday.

Workshop Language: English and German according the participants
Journey: self-drivers in groups by minibus or private car, please use as few vehicles as possible
Accommodation - reservation by your own responsibility:
We recommend at Reutte Hotel Maximilian in Ehenbichel [http://www.hotelmaximilian.at/](http://www.hotelmaximilian.at/) and at Lienz Pension Vergeiner [http://www.pension-vergeiner.at/](http://www.pension-vergeiner.at/) or check tourist website

General Information: Objectives of the annual Int. Alpine Workshops are to connect scientists, practitioners and advanced students working in alpine rivers (app. 10-15 persons in max.). We exchange experiences on monitoring and managing European Union species and habitats and do investigations e. g. mapping of target and alien species along the visited river courses (see [www fh-erfurt.de/la/tagliamento](http://www.fh-erfurt.de/la/tagliamento)).

Contents and Presentations of the Workshop 1.5 at the Forum Alpinum (5th River Conference)

**Time:** 05 June Tuesday: 15.00 – 16.30

**Location:** Forum Alpinum [http://2018.forumalpinum.org](http://2018.forumalpinum.org), Breitenwang

**Title:** Monitoring and managing European Union species and habitats of alpine rivers

**Session chair:** Norbert Müller (FH Erfurt Germany), **Co-chair:** Helmut Kudrnovsky (Kematen Austria)

**Language:** English

**Description:**
The EU Habitat Directive is requiring the monitoring and managing of their Annex species and habitats. In this session, we will discuss this subject area for alpine rivers. Special focus will be on key species and their habitat types 3220, 3230, 3240 “Alpine rivers” and 7240* and 91E0. Within the last EU Habitats Directive Article 17 Reporting the conservation status of these habitats was assessed with unfavourable inadequate to bad. Therefore, besides methods of monitoring also examples of managing and reintroduction of key species will be part of this workshop. This workshop is also part of the “16th International Alpine Workshop” an annual meeting of scientists, practitioners and advanced students working in alpine rivers (see [www fh-erfurt.de/la/tagliamento](http://www.fh-erfurt.de/la/tagliamento)).

**Presentations (15 min each speech including discussion)**

KUDRNOVSKY Helmut: 3230 “Alpine rivers and their ligneous vegetation with *Myricaria germanica*” - recent observations along river Lech

MICHIELON Bruno: Reintroduction of *Myricaria germanica* in Italy - an overview

MÜLLER Norbert: 30 years monitoring and managing *Typha minima* at the Tyrolean Lech river – a key species of alpine rivers

REICH Michael: Monitoring *Bryodemella tuberculata* - a key species of the habitats 3220, 3230 and 3240 “Alpine rivers”

SCHÖPFER Anna & FÜREDER Leo: Standardized selections of FFH-species and habitats for protection measures