

# Jim Junker

ECOLOGIST

Louisiana Universities Marine Consortium

☎ +1 651 587 1477 | ✉ james.junker1@gmail.com | 🏠 jimjunker.com | 📺 jimjunker1 | 🐦 jimjunker

## Education

### Montana State University Bozeman

PH.D.

Bozeman, MT

2019

### Montana State University Bozeman

MASTER OF SCIENCE

Bozeman, MT

2011

### Northland College

BACHELOR OF SCIENCE

Ashland, WI

2007

## Publications

### D Nelson, JP Benstead, AD Huryn, WF Cross, JM Hood, PW Johnson, ...

THERMAL NICHE DIVERSITY AND TROPHIC REDUNDANCY DRIVE NEUTRAL EFFECTS OF WARMING ON ENERGY FLUX THROUGH A  
STREAM FOOD WEB

Ecology

2020

### J D'Andrilli, JR Junker, HJ Smith, EA Scholl, CM Foreman

DOM COMPOSITION ALTERS ECOSYSTEM FUNCTION DURING MICROBIAL PROCESSING OF ISOLATED SOURCES

Biogeochemistry

2019

### JM Hood, JP Benstead, WF Cross, AD Huryn, PW Johnson, GM Gíslason, ...

INCREASED RESOURCE USE EFFICIENCY AMPLIFIES POSITIVE RESPONSE OF AQUATIC PRIMARY PRODUCTION TO EXPERIMENTAL  
WARMING

Global change biology

2018

### D Nelson, JP Benstead, AD Huryn, WF Cross, JM Hood, PW Johnson, ...

EXPERIMENTAL WHOLE-STREAM WARMING ALTERS COMMUNITY SIZE STRUCTURE

Global Change Biology

2017

### D Nelson, JP Benstead, AD Huryn, WF Cross, JM Hood, PW Johnson, ...

SHIFTS IN COMMUNITY SIZE STRUCTURE DRIVE TEMPERATURE INVARIANCE OF SECONDARY PRODUCTION IN A STREAM-WARMING  
EXPERIMENT

Ecology

2017

### JR Junker, WF Cross

SEASONALITY IN THE TROPHIC BASIS OF A TEMPERATE STREAM INVERTEBRATE ASSEMBLAGE: IMPORTANCE OF TEMPERATURE  
AND FOOD QUALITY

Limnology and Oceanography

2014

### EJ O'Gorman, DE Pichler, G Adams, JP Benstead, H Cohen, N Craig, ...

IMPACTS OF WARMING ON THE STRUCTURE AND FUNCTIONING OF AQUATIC COMMUNITIES: INDIVIDUAL-TO ECOSYSTEM-LEVEL  
RESPONSES

Advances in ecological research

2012