

**Ice Age Floods and the Landscape They Created**  
**HILR Study Group for Fall 2021**  
**Stephen Senturia, Study Group Leader**

**Bibliography**

**Main Text (required):** John Eliot Allen, et. al., *Cataclysms on the Columbia*, Revised Second Edition (Ooligan Press, 2009) ISBN-13: 978-1-932010-31-2.

**Supplementary Reading:**

John Soennichsen, *Bretz's Flood*, (Sasquatch Books, 2008), ISBN 978-1-57061-631-0, a very readable biography of Bretz with the added advantage of comments on many of Bretz's papers, illustrating how his ideas matured over the years.

Hill Williams, *The Restless Northwest: A Geological Story*, (Washington State University Press, 2002), ISBN 0-87422-250-8.

David Alt, *Glacial Lake Missoula and its Humongous Floods*, (Mountain Press Publishing Company, 2001) ISBN: 0-87842-415-6.

\*David Alt and Donald W. Hyndman, *Northwest Exposures: A Geologic Story of the Northwest*, (Mountain Press, 1995), ISBN 0-87842-323-0.

Scott Babcock and Bob Carson, *Hiking Washington's Geology*, (The Mountaineers, 2000), ISBN 0-89886-548-4.

Tracy Vallier, *Islands & Rapids: A Geologic Story of Hells Canyon*, (Confluence Press, 1998), ISBN 1-881090-30-2.

Rowland Tabor and Ralph Haugerud, *Geology of the North Cascades: A Mountain Mosaic*, (The Mountaineers, 1999), ISBN 0-89886-623-5.

Doug Macdougall, *Nature's Clocks: How Scientists Measure the Age of Almost Everything*, (University of California Press, 2008), ISBN 978-0-520-24975-2.

Doug Macdougall, *Frozen Earth: The Once and Future Story of Ice Ages*, (University of California Press, 2013), ISBN 978-0-520-27592-8.

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\* The book by Alt and Hyndman contains the hypothesis of a meteor impact as the cause of initiation of the basaltic lava flows that blanketed the Columbia Plateau 17 mya. This hypothesis is not generally accepted. However, the rest of the book is a useful supplement to our main text, for those who want to dig significantly deeper into our subject.