

VISTAS
LIFELONG LEARNING
 A Nonprofit 501(c)(3) Education Corporation
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Great American Waterways

The Great Lakes; Mississippi Watershed; Disappearing Colorado

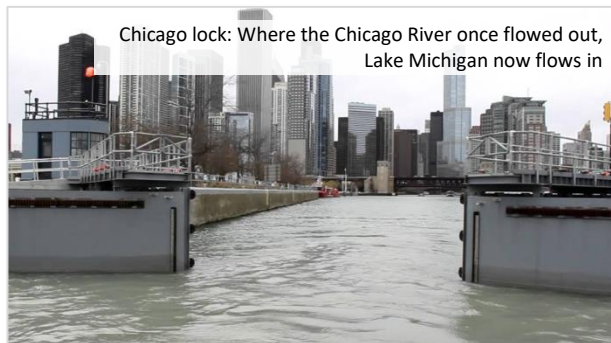
Presented by: **Jim Hemmer**

Three Mondays, October 11, 18, and 25, 2021

10:00 a.m. – 12 noon

ONLINE via ZOOM

This program will explore in detail the devastating effects that climate change and human interventions are having on America's great waterways, from Niagara Falls to the Gulf of Mexico and west to California. In our first session, we will look at the Great Lakes. All five lakes are part of a single drainage system, flowing northeast from western Wisconsin all the way to Niagara Falls and out through the St. Lawrence River. It is the world's largest freshwater



system. All five lakes are plagued by environmental stressors, but uniquely each faces primarily a different threat, such as climate change, invasive species, toxic industrial chemicals, agricultural pollution, and/or coastal development.

In session two, we will focus on the subject of catastrophic flooding throughout the entire Mississippi River basin. For the regions surrounding the Colorado River, however, the issue is just the opposite—drought, a crisis that has plagued the

Registration deadline: October 9, 2021

Enrollment form: Great American Waterways

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VISTAS members \$35; non-members \$52.50

- **EITHER pay online** on our website by secure credit card through PayPal*: <https://www.vistaslifelonglearning.org/current-courses>

*Subject to a 3% processing fee

- **OR mail this form** and your check to: VISTAS Lifelong Learning, Inc.
 P.O. Box 23228, Santa Barbara CA 93121

Number of persons _____ \$ _____ Check # _____

Name(s): _____

Phone: _____ Email: _____

American West for the past 20 years. In session three we will look at all seven states that rely on the Colorado, but focusing particularly on southern California, where the biggest consumers of the river's water are located.

This course will examine each of the five Great Lakes, the entire Mississippi River watershed, and the Colorado River system in order to gain an appreciation of how extensively these great American treasures are in jeopardy.



JIM HEMMER holds an AB degree from Marquette and a JD degree from Harvard Law School. He spent his entire career with the Chicago firm Bell Boyd & Lloyd, of which, at the time of his retirement, he was Managing Partner and CEO. His specialty was corporate and securities law, and he taught legal education programs for the Illinois State Bar Association. More recently, he has been a prolific and popular VISTAS presenter. Jim and his wife, Francine, moved to Santa Barbara in 2017.

VISTAS Calendar

SUBJECT TO CHANGE; for up-to-date information, visit our website (VistasLifelongLearning.org) frequently!

Course / Event	Date(s)	Time	Venue
Annual Fall Picnic	Sunday, September 19	12:30 pm	Tucker's Grove
Nonfiction Book Club 1 / Dawn McGrew	2nd Thursday monthly	1:30 pm	Meets in a private home
Nonfiction Book Club 2 / Dawn McGrew	4th Monday monthly	1:30 pm	Via Zoom
Short History of Cryptography / Dick Norwood	Wed. Sep. 1, 8, 15, 22	10:00 am	Via Zoom
Humanity's Relationship with Food / Larry Canepa	Fri. Sep. 3, 10, 17	1:00 pm	Via Zoom
Important Economic Issues / Peter Naylor	Wed. Sep. 29, Oct. 6, Oct. 13	9:30 am	Bethany Congreg. Church
Great American Waterways / Jim Hemmer	Mon. Oct. 11, 18, 25	10:00 am	Via Zoom
James Baldwin: In His Own Words / Denny Klos	Wed. Nov. 3, 10	9:30 am	Venue TBD
Origins of Proto-Indo-European Lang. / J. Hemmer	Mon. Nov. 8, 15	10:00 am	Via Zoom
The Story Behind Bellosguardo / John Ummel	Tues. Nov. 16	9:30 am	Venue TBD
Frayed Am. Social Safety Net / Ted Anagnoson	Mon. Nov. 22, 29, Dec. 6, 13	9:30 am	Venue TBD
"Sounds Good! Does It Work?" / Phil Sokolove	Tues. Nov. 30, Dec. 7, 14	9:30 am	Venue TBD
Am. Criminal Law & Procedure / Pat McKinley	Wed. Dec. 1, 8, 15	9:30 am	Venue TBD