



## IN THIS ISSUE

### LETTER FROM THE GUEST EDITOR

*David Fairbairn*

3

### PEER-REVIEWED ARTICLES

Evaluating Maps in a Massive Open Online Course

*Anthony C. Robinson, Jonathan K. Nelson*

6

Learning by Solving Problems, Cognitive Load Theory, and the Re-Design of an Introductory GIS Course

*Jeff Howarth*

18

### CARTOGRAPHIC COLLECTIONS

The Norman B. Leventhal Map Center at the Boston Public Library: The First Ten Years of Public Outreach and Educational Programming Using Historic Maps

*Evan Thornberry, Michelle LeBlanc, Ronald E. Grim*

35

### PRACTICAL CARTOGRAPHER'S CORNER

Understanding the Heat Map

*Mike DeBoer*

39

### VIEWS ON CARTOGRAPHIC EDUCATION

Introducing *Views on Cartographic Education*

*Fritz Kessler*

44

### VISUAL FIELDS

Atlas for the Blind, 1837

*David Rumsey*

46

### REVIEWS

GIS Tutorial for Python Scripting

*reviewed by Adam P. Dixon*

A Railroad Atlas of the United States in 1946, Volume 5: Iowa and Minnesota

*reviewed by Jed Marti*

Abstracting Geographic Information in a Data Rich World: Methodologies and Applications of Map Generalisation

*reviewed by Timofey Samsonov*

51

Instructions to Authors

59