

LEARNING LANDSCAPE ECOLOGY
corrections for 2nd printing, February 9, 2003

SUGGESTIONS FOR INSTRUCTORS: *(add the following paragraphs to end of section)*

Software Requirements

Chapters 1, 2, 6, 10, 11, 12, 13, 14, 17, 18 and part of 7 use only Excel (.xls) files, Adobe (.pdf) files, or no files at all, and as such are compatible with Macintosh or Windows platforms which have Excel and/or Adobe Acrobat Reader installed. Adobe Acrobat Reader is available for free from the web at:

<http://www.adobe.com>

Several other programs require a PC running a recent version of Windows, or require a Windows emulator for use on a Macintosh platform: Markov, HarvestLite, Rule, Fragstats, ReserveDesign, Folio, ArcExplorer™, and Bachmap. All programs are compatible with Windows XP except for Fragstats 2.0.

Fragstats 2.0 and Windows XP

The version of Fragstats included on the CD (FRAGSTATS 2.0) is not compatible with Windows XP; however, it does work with Windows 95/98/2000. Using Fragstats on Windows XP requires downloading the latest shareware version of Fragstats 3.0 from the web at:

<http://www.umass.edu/landeco/research/fragstats/fragstats.html>

Be sure to visit our website before you begin teaching (or if you experience any difficulties while teaching) as it is frequently updated with corrections and helpful tips:

<http://www.nceas.ucsb.edu/LearningLandscapeEcology>

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THROUGHOUT TEXT

Chapter 3

Page 23, Under 'Exercise,' line 2

Insert “to” to change line to “be sure to copy”

Chapter 5

Page 50 and page 51

Replace “Gustafson and Crow 1994” with “Gustafson and Rasmussen 2002”.

Page 56, Exercise 1, Step #2, line 4

Change typo “verify”

To “verify”

Page 60 - Bibliography

Delete Gustafson and Crow 1994 citation

Add Gustafson, E.J. and L.V. Rasmussen. 2002. Assessing the spatial implications of interactions among strategic forest management options using a Windows-based harvest simulator. Computers and Electronics in Agriculture 33:179-196

Page 55, under Instructions for Using Harvest Lite

Add to the end of the NOTE: (line 4)

“If you encounter problems, ensure that the upper-level directory names (above the folder containing HarvestLite) do not contain spaces or dashes, and that the full pathname is less than 100 characters.”

Chapter 6

Page 63, at the end of the OBJECTIVES section

add

“Note regarding Fragstats 2.0 and Windows XP

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<http://www.umass.edu/landeco/research/fragstats/fragstats.html>”

Chapter 7

Page 86, at the end of the OBJECTIVES section

add

“Note regarding Fragstats 2.0 and Windows XP

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Chapter 13

Page 194, Exercise 3, Step #1

Replace “are found in” with “overlap at all with any”

Add at the end of step 1: “NOTE: Print both maps on the same printer for consistent sizing results. Be sure to develop a consistent rule for classifying cells with mixed terrain (e.g., use most abundant terrain class).

Chapter 15

p. 219, Table 15.3

All letters (Greek and otherwise) in the equations in the table should be in italics.

*change “(p'h)”
to “(ph)”*

“ $1/\beta_2$ ” should be a *superscript* of the 2nd “m” in the equation

Chapter 17

Table 17.4 Figure Legend

Change label “17.4” To “17.4(a)”

*Add “NOTE: See file **Table17.4(b).pdf** on the CD-ROM for a description of the variables necessary to interpret these correlation coefficients.”*

CHANGES TO FILES ON CD-ROM:

Ch06/

*replace previous version of **chisquare.xls**
with updated version of **chisquare.xls***

Ch11/

*replace previous version of **Figure11.5.pdf**
with updated version of **Figure11.5.pdf***

Ch12/

*replace previous version of **site.xls**
with updated version of **site.xls***

Ch17/

*Add file **Table17.4(b).pdf***