



Dr. Derrick Lampkin – Multi-Choice Information Sheet

Name: _____

Instructions:

1. Reference : www.geog.psu.edu/people/lampkin/
2. View Dr. Lampkin's curriculum vitae (all answers can be found here)
3. Begin worksheet!

1. How many degrees has Dr. Derrick Lampkin obtained?
 - a. three
 - b. four
 - c. five
2. Which university did Dr. Lampkin receive both his B.S and M.S degrees?
 - a. Pennsylvania State University
 - b. The Ohio State University
 - c. The University of Arizona
 - d. The University of Kansas
3. Dr. Lampkin's PhD is in what field?
 - a. Geological Science
 - b. Genealogy
 - c. Geography
 - d. Geology
4. What year was Dr. Lampkin awarded the NASA Earth System Science Fellowship?
 - a. 2000
 - b. 2001
 - c. 2002
 - d. 2003
5. Snowpack modeling of the Salt Basin with water management implications was published in:
 - a. Proceedings of the 69th Annual Western Snow Conference
 - b. Remote Sensing of Environment Journal
 - c. IEEE 2003 International Geoscience and Remote Sensing Symposium
 - d. Geocarto International, Special Centennial Issue, Volume 19
6. Dr. Lampkin gave poster presentations at which of these conferences except:
 - a. NASA Earth Systems Scholars Network
 - b. National Geographic Information Systems Conference
 - c. American Geophysical Union (winter session)
 - d. American Society of Photogrammetry and Remote Sensing
7. How many grants has Dr. Lampkin been the principal investigator of:
 - a. Two
 - b. Four
 - c. One
 - d. Three
8. What year was "Monitoring mountain snowpack evolution using near surface optical and thermal properties" published?
 - a. 2003
 - b. 2004
 - c. 2005
 - d. 2006
9. What three papers are Dr. Derrick Lampkin and R.C. Bales authors of?
 - a. "Utility of fractional snow cover in water resources applications for semi-arid regions"
 - b. "Geostatistical interpolation of point-measured SWE in the Colorado River basin"



- c. "Comparison of fraction versus binary satellite-derived snow cover maps for the Colorado Basin"
 - d. Collections of optical properties of snow during melt using portable spectrometer and excavating snow pits in support of dissertation.
 - e. none of the above
10. Which project's purpose was to build a prototype of a single sensor and laser system?
- a. "Snowpack modeling of the Salt basin with water management implications"
 - b. "Monitoring mountain snowpack evolution using near surface optical and thermal properties"
 - c. "An Improved optical Instrument for the Determination of Alpine Snow Accumulation"
 - d. "Numerical simulation of lava flows: Applications to the Terrestrial Planets"
11. Who are the authors on this publication entitled "Snowpack modeling of the Salt Basin with water management implications" (list in order)?
- a. Fassnacht, S.R., D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and B. Imam
 - b. B. Imam, S.R., D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and Fassnacht
 - c. D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and Fassnacht, and B. Imam
 - d. Fassnacht, S.R., S.R. Helfrich, D.J. Lampkin, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and B. Imam
12. At what research center was Dr. Lampkin a research field assistant in 1993, 1998, and 2000?
- a. Center for Remote Sensing of Ice Sheets
 - b. NASA's Goddard Space Flight Center
 - c. Byrd Polar Research Center
 - d. Center for Earth and Planetary Studies
13. What course did Dr. Lampkin teach at Pennsylvania State University?
- a. Introduction to GIS
 - b. Introduction to Remote Sensing
 - c. Cartography
 - d. Advance Geographic Information Systems
14. What conference did Dr. Lampkin attend in February of 2002?
- a. National Snow and Ice Data Center Conference
 - b. National Geographic Information Systems Conference
 - c. American Geophysical Union Conference
 - d. American Association of Geographers Conference
15. What are two of Dr. Lampkin's professional memberships?
- a. Association of Computing Machinery
 - b. American Society of Geographers
 - c. American Society of Photogrammetry and Remote Sensing
 - d. American Geophysical Union
16. How much was Dr. Lampkin's NASA Earth System Science Fellowship
- a. 18,000 dollars
 - b. 28,000 dollars
 - c. 30,000 dollars
 - d. 40,000 dollars
17. What degree did Dr. Lampkin receive in June of 2005?
- a. Bachelor of Sciences in Geological Science
 - b. Master's of Arts in Geography
 - c. Doctor of Philosophy in Geography
 - d. Doctor of Philosophy in Geology
18. NASA Earth System Science Fellowship:
- a. Support to develop an algorithm for mapping alpine snow surface melt
 - b. Support to trace the timing of melt release using optical satellite platforms



- c. Support to study the cryosphere processes on the inter-annual, annual to decadal scales.
d. None of the above
19. Where was Dr. Lampkin's second field assistantship?
a. Catalina Mountains, Arizona
b. Sonora, Mexico
c. San Juan Mountains, Colorado
d. West Antarctica
20. From April 2000 to June 2003 Dr. Lampkin was a _____ at Southwest Regional Earth Science Applicants Center
a. Senior Research Associate
b. Graduate Research Assistant
c. Research Filed Assistant
d. Undergraduate Research Assistant
21. What year was Dr. Lampkin a field assistant on "Snow survey of snow water equivalence and extent in through snow hydrology field course?"
a. 2005
b. 2004
c. 2003
d. 2002
22. What does RESAC stand for?
a. Regional Earth Science Applicants Center
b. Regional Environmental Science Applications Center
c. Regional Earth Atmospheric Science Center
d. Regional Earth Science Applications Center
23. Dr. Lampkin was a research assistant under Dr. Alfredo Huete who was supervisor at what laboratory?
a. U.S. Naval Research Laboratory
b. Applied Research Laboratory
c. Arizona Research Laboratory
d. Terrestrial Biophysics Remote Sensing Laboratory
24. Comparison of fraction versus binary satellite-derived snow cover maps for the Colorado Basin was published in
a. International Journal of Fieldwork Studies, No.1
b. American Geophysical Union Proceedings
c. EOS Transactions, AGU
d. Hydrologic Processes Volume 18
25. How many Byrd Technical Report's has Dr. Lampkin published?
a. twenty
b. twelve
c. ten
d. two
26. What was the amount of Dr. Lampkin's Graduate Student Grant at the University of Arizona?
a. \$750
b. \$600
c. \$550
d. \$500