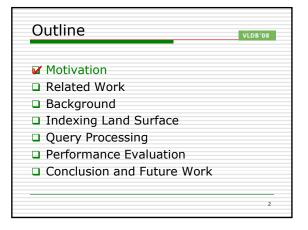
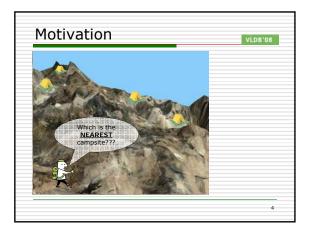
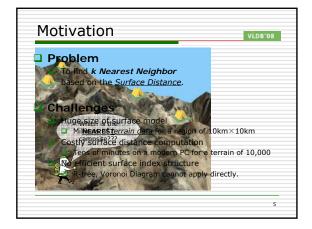
Indexing Land Surface for Efficient kNN Query	
Cyrus Shahabi, Lu-An Tang and Songhua Xing	
InfoLab	
University of Southern California	
Los Angeles, CA 90089-0781	
http://infolab.usc.edu	
énto Lab	USC IMSC Vergrated Media Systems Center

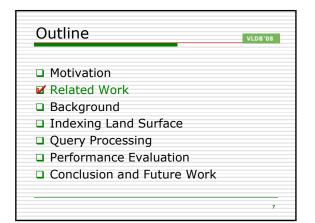


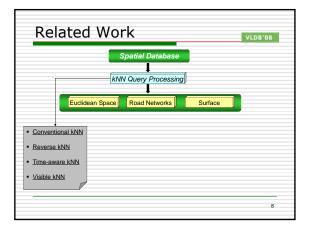


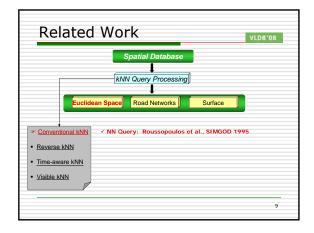


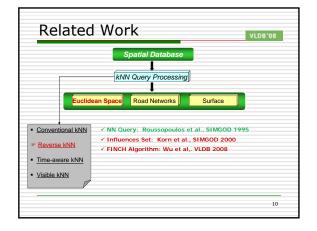


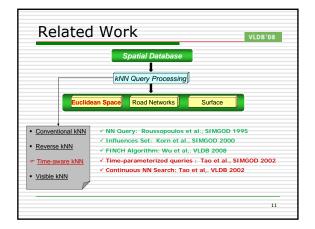


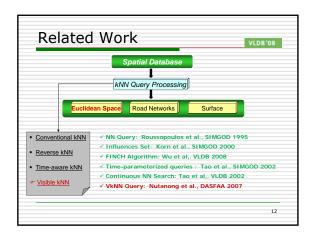


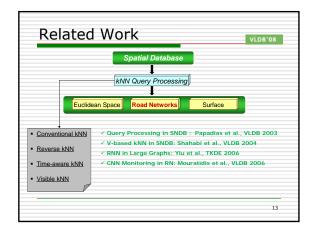


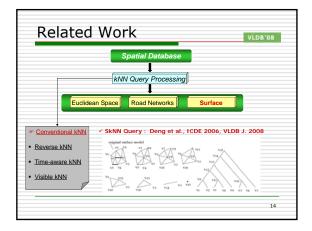


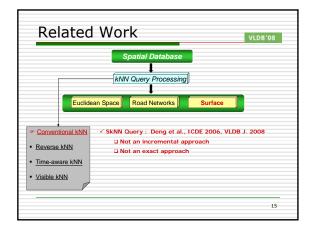


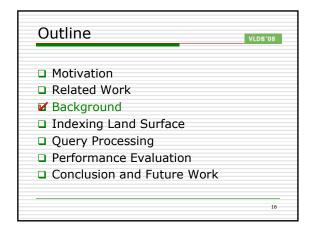


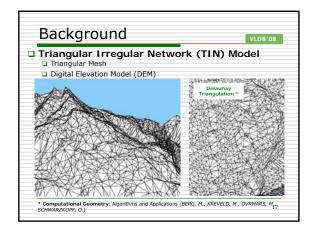


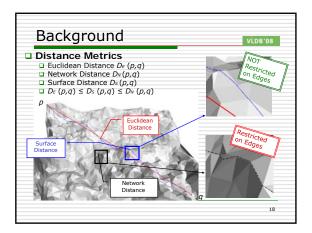


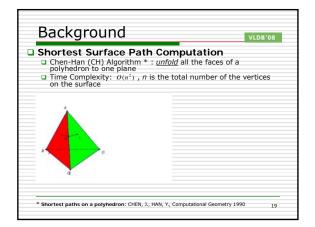


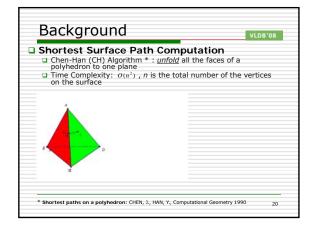


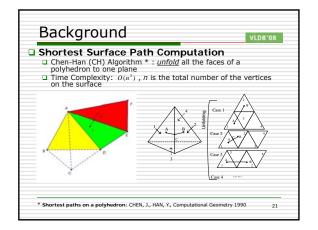


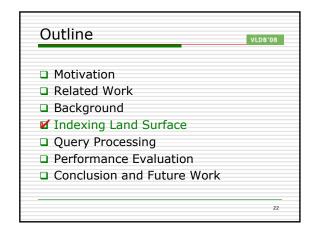


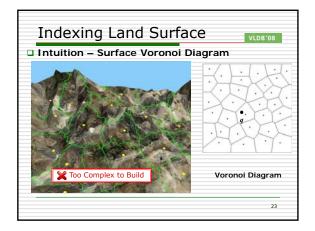


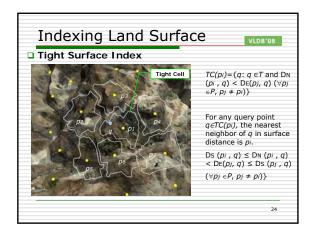


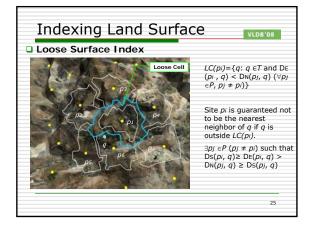


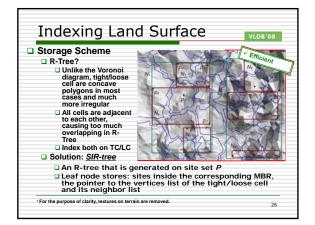


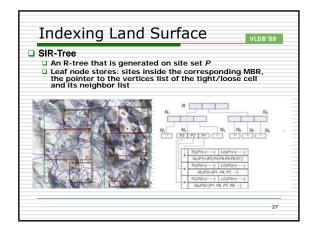


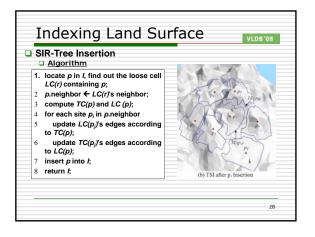


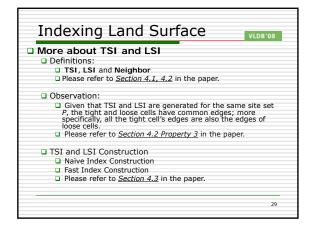


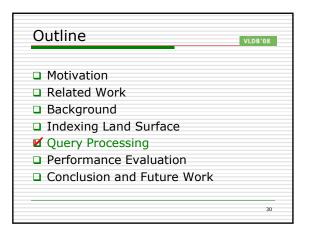


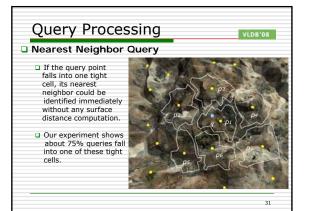


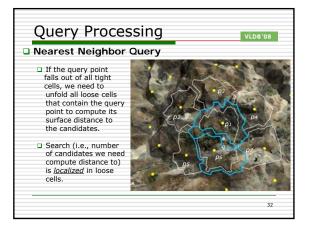


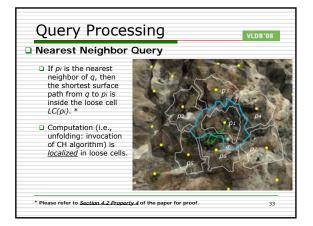


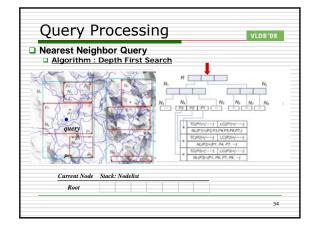


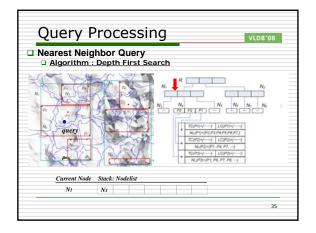


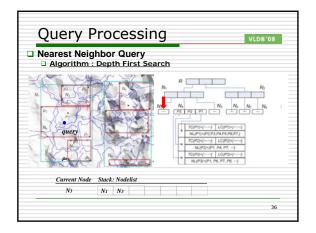


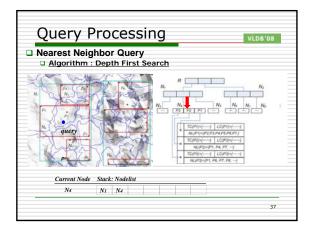


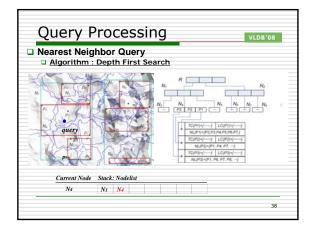


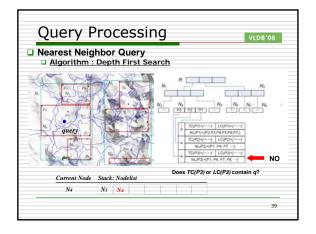


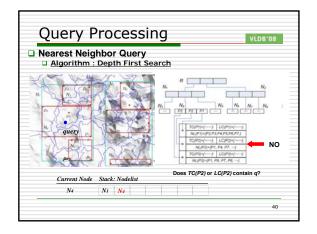


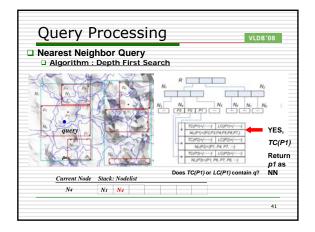


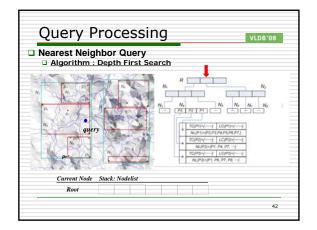


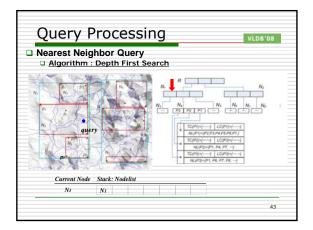


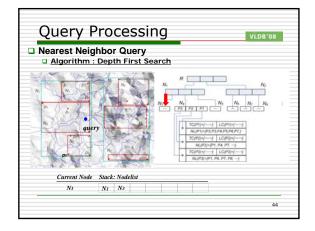


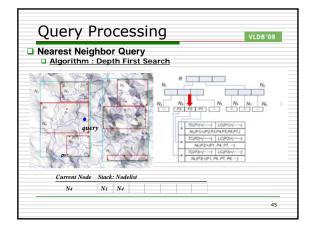


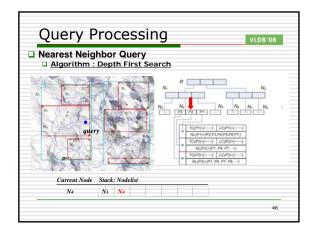


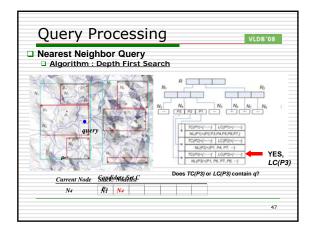


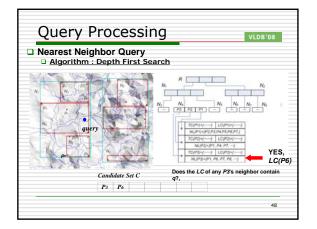


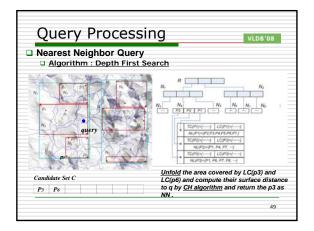


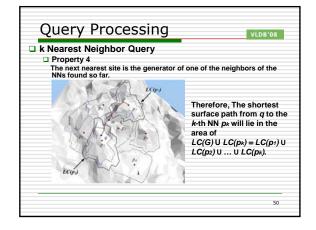


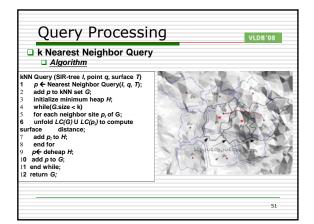












Query Processing	VLDB'08
More about Query Processing	
Surface Index R-Tree (SIR-tree)	
How an R-tree is built on TSI and LSI?	
SIR-tree insertion	
Please refer to <u>Section 4.4</u> in the paper.	
NN Query Algorithm	
Please refer to <u>Section 5.1 Algorithm 3</u> in the	ie paper.
kNN Query Processing	
Property of next nearest neighbor	
Incremental algorithm for kNN Query	
Please refer to <u>Section 5.2</u> in the paper.	
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