





Outline

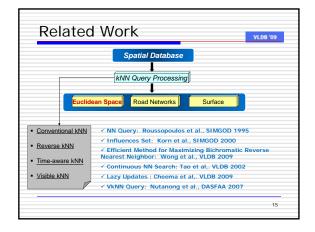
- Motivation
- Related Work
- Preliminaries
- Surface Index based ApproachPerformance Evaluation

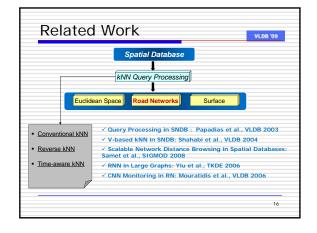
VLDB '09

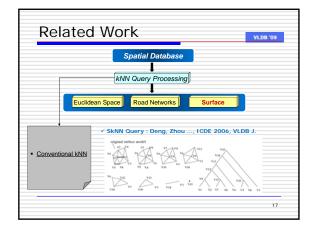
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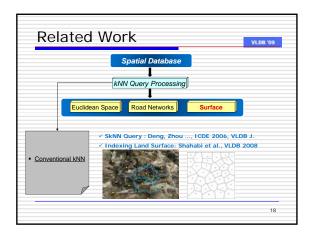
Conclusion and Future Work

Related Work	VLDB '09
Spatial Database	
Conventional kNN Reverse kNN Time-aware kNN <u>Visible kNN</u>	
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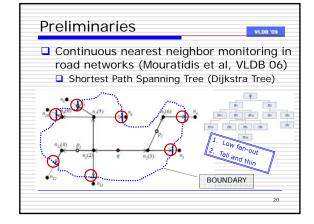
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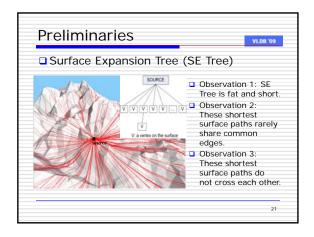
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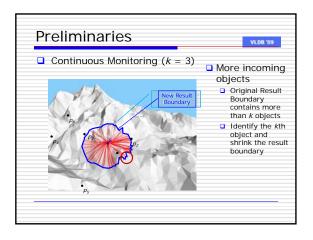
VLDB '09

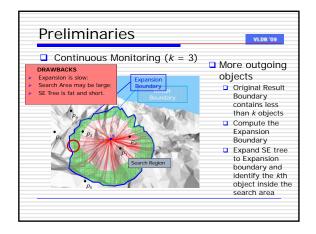
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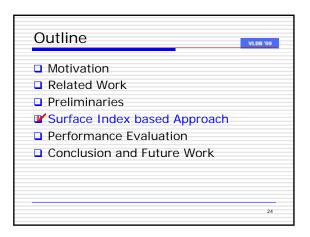
Conclusion and Future Work

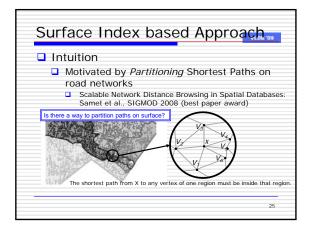


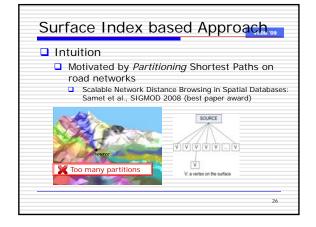


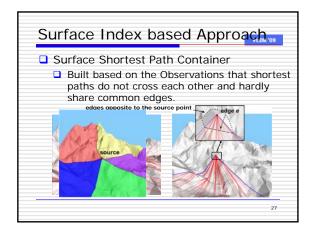


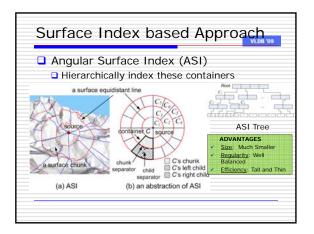


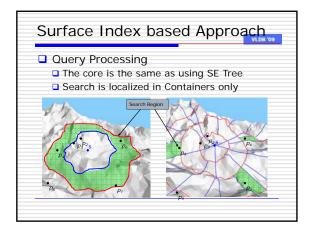


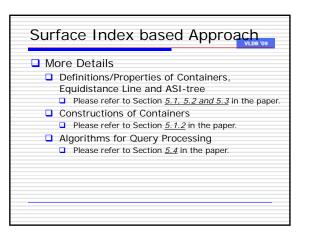












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Motivation

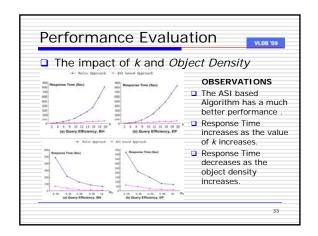
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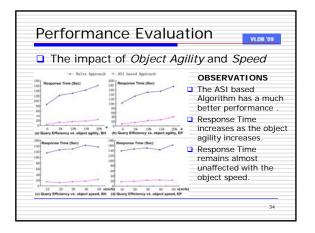
VLDB '09

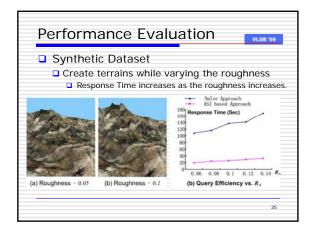
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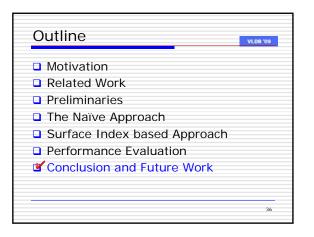
Conclusion and Future Work

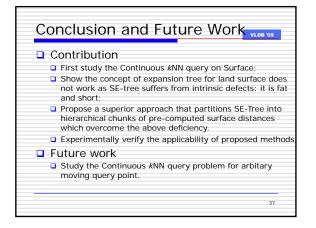
Real World Data	aset <u>http://data.geocomm.com</u>
Eagle Peak (EP) at	Wyoming State, USA
10.7km×14km.	
Bearhead (BH) at \	Washington State, USA
Similar size as al	oove.
Eagle Peak (EP)	Bearhead (BH)











Thanks!	VLDB '09
Email: Songhua Xing <u>sxing@usc.edu</u>	
info Lab	USC IMSC Trapped Marks Typense Cardo
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