KU TRANSPORTATION RESEARCH INSTITUTE
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Welcome

A Pre-Conference Session to the
2012 Joint APWA/KCHA Spring Conference

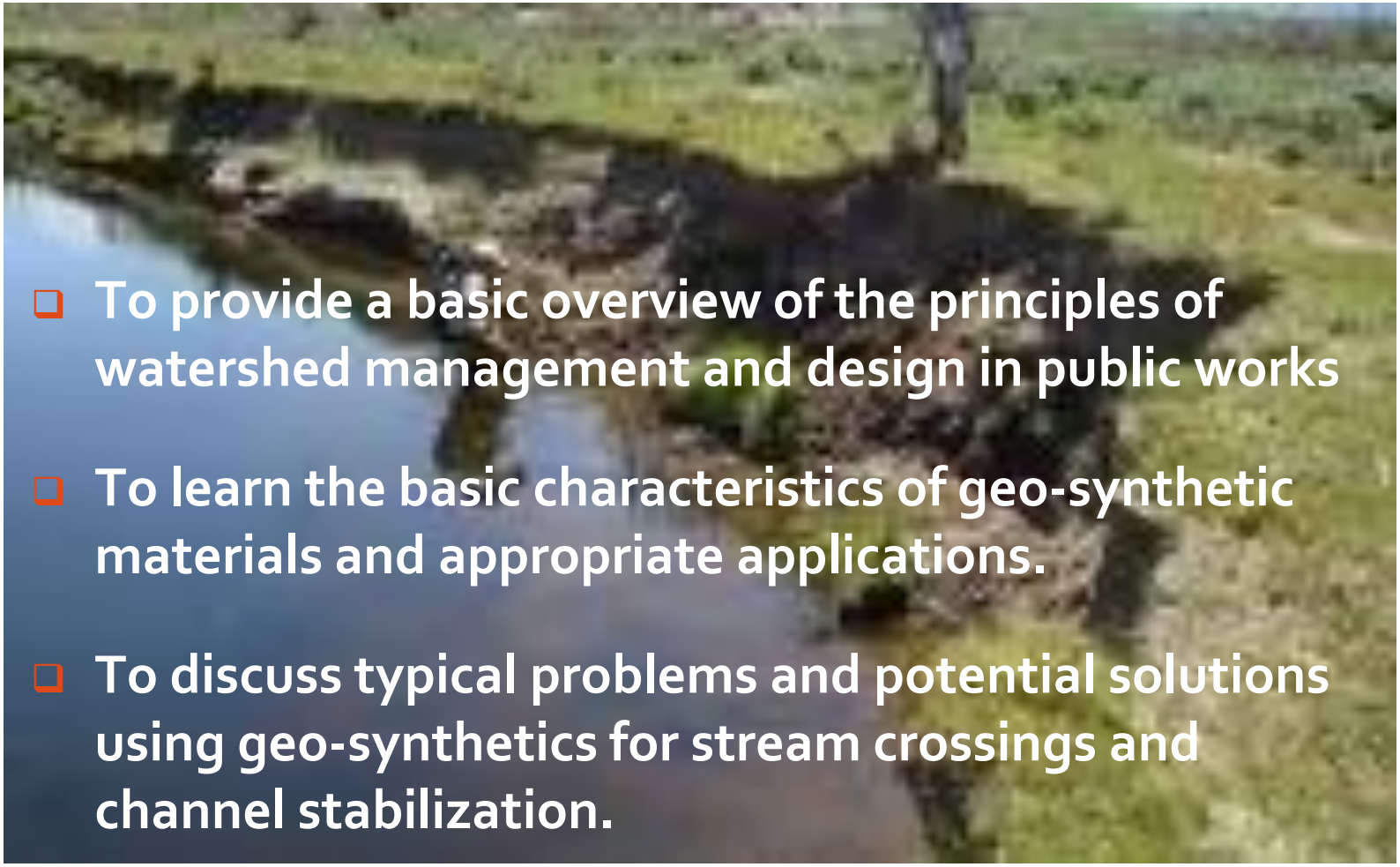
Geo-Synthetics for Stream Crossings and Channel Stabilization

Newton, Kansas
May 9, 2012

Sponsored by the
Kansas Local Technical Assistance Program (LTAP)
Pat Weaver, Program Manager

LTAP
KANSAS LOCAL TECHNICAL ASSISTANCE PROGRAM

Course Objectives



- To provide a basic overview of the principles of watershed management and design in public works
- To learn the basic characteristics of geo-synthetic materials and appropriate applications.
- To discuss typical problems and potential solutions using geo-synthetics for stream crossings and channel stabilization.

Course Instructors

Kimberly Majerus, Technical Analyst, Federal Highway Administration (FHWA) Resource Center at their Matteson, Illinois location.

Dr. Jie Han is a Professor in the Department of Civil, Environmental, and Architectural Engineering at the University of Kansas.

Jeff Pearce has been associated with ASP Enterprises, Inc. based in Wichita since 2008.

Course Agenda

1:00 – 1:15 p.m. **Introductions**

1:15 – 2:00 p.m. **Basic Principles of Watershed Management and Design in Public Works Projects**

2:10 – 3:30 p.m. **Overview of Geo-Synthetic Applications and Characteristics of Materials**

3:45 – 5:00 p.m. **Problems, Solutions and Case Examples of the Use of Geo-Synthetics for Stream Crossings and Channel Stabilization**

Thank you.
Questions?

For more information

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- Kimberly Majerus, Federal Highway Administration, kimberly.majerus@dot.gov
- Jeff Pearce, ASP Enterprises, Inc., jeffp@aspent.com
- Pat Weaver, Kansas LTAP, University of Kansas, weaver@ku.edu

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