Technical Supplements

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Cover photos: *Top*—Tools and approaches addressed in the technical supplements provide designers with the ability to size and configure restoration elements and to provide the intended ecological functions.

Bottom—How big, how deep, how wide, starting and stopping points, transitional zones, and what live and inert materials to use are questions to be answered by the design process. Conceptual drawings are just that—concepts—until they are designed for specific site and performance conditions.

Introduction

During the development of this handbook, some specific design tools were recognized as being important for use in stream restorations. These tools are included in the following technical supplements, and they supplement specific handbook chapters. Some tools are specifically structural in nature. Their use is determined by the nature of the selected alternative: structural elements may be needed to achieve the intended project goals and objectives. Designers are nevertheless encouraged to achieve the intended outcomes of the project in an ecologically self-sustaining manner, including all appropriate management, nonstructural, and structural approaches.