

# SVENSK STANDARD

## SS-ISO 12913-1:2015

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### **Akustik – Ljudlandskap – Del 1: Definition och konceptuellt ramverk (ISO 12913-1:2014, IDT)**

### **Acoustics – Soundscape – Part 1: Definition and conceptual framework (ISO 12913-1:2014, IDT)**

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Den internationella standarden ISO 12913-1:2014 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 12913-1:2014.

The International Standard ISO 12913-1:2014 has the status of a Swedish Standard. This document contains the official English version of ISO 12913-1:2014.

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Denna standard är framtagen av kommittén för Akustik och buller, SIS/TK 110.

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

ISO 12913 consists of the following parts, under the general title *Acoustics — Soundscape*:

— *Part 1: Definition and conceptual framework*

The following part is under preparation:

— *Part 2: Methods and measurements*

## Introduction

Soundscape studies have a rich tradition[1],[2],[3],[4],[5]. Because the field has evolved differently around the world, as well as across disciplines, there is a diversity of opinions about its definition and aims. Consequently, the use of the term 'soundscape' has become idiosyncratic and ambiguous[6].

This International Standard aims to enable a broad international consensus on the definition of 'soundscape', to provide a foundation for communication across disciplines and professions with an interest in soundscape.

There are similarities between the concepts of 'landscape'[7] and 'soundscape'; both are based on perception by people. For the purpose of this International Standard, soundscape will be understood as a perceptual construct, related to a physical phenomenon. The standard distinguishes the perceptual construct (soundscape) from the physical phenomenon (acoustic environment), and clarifies that soundscape exists through human perception of the acoustic environment.

