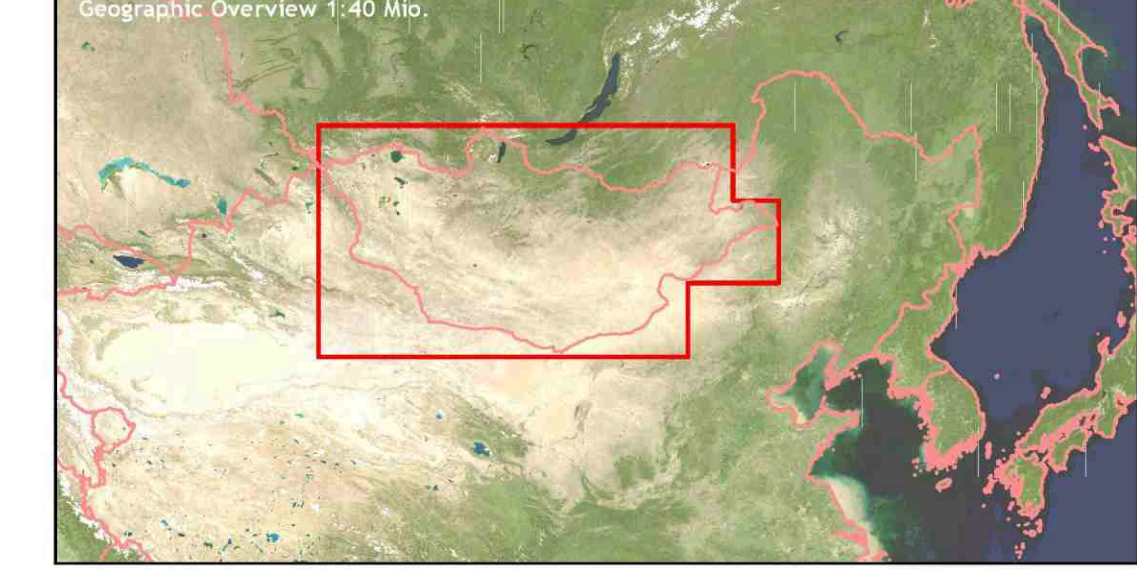


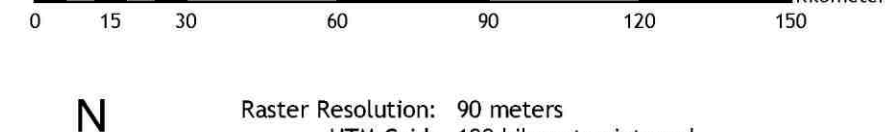
MONGOLIA

Artisanal and Small Scale Mining

Statistical Overview based on Survey Data by Soum 2012

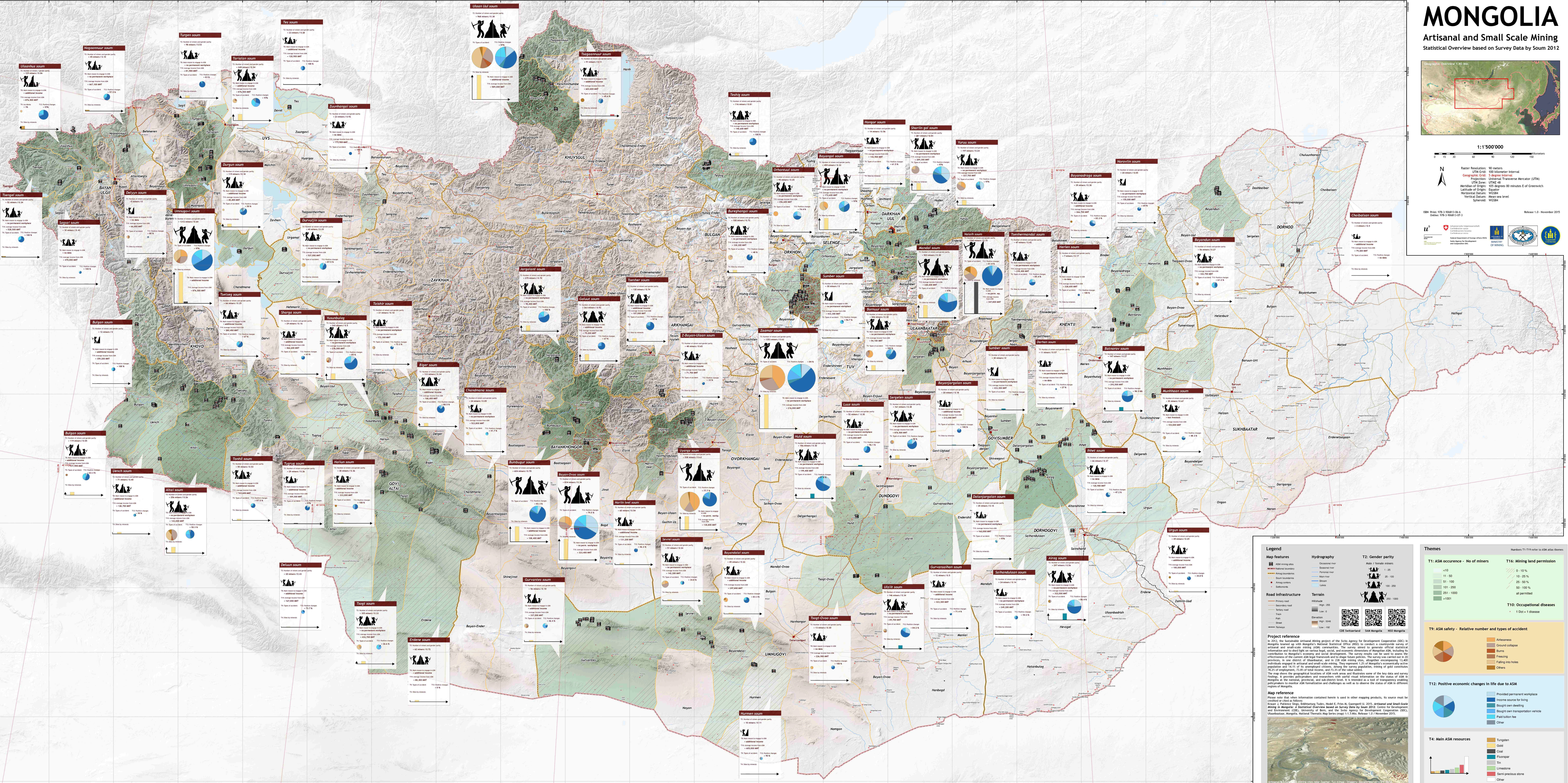


1:1'500'000



North arrow and technical specifications:
Raster Resolution: 90 meters
UTM Grid: 100 Kilometer Interval
Geographic CRS: UTM
Projection: Universal Transverse Mercator (UTM)
UTM Zone: 48
Meridian of Origin: 105 degrees 00 minutes E of Greenwich
Latitude of Origin: Equator
Horizontal Datum: WGS84
Vertical Datum: Mean sea level
Spheroid: WGS84

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Legend

- Map features:**
 - ASM mining sites
 - ASM mining boundaries
 - ASM mining sites
 - ASM mining sites
 - ASM mining sites
- Hydrography:**
 - Occupied river
 - Seasonal river
 - Perennial river
 - Stream
 - Channel
 - Levee
- Road infrastructure:**
 - Primary road
 - Secondary road
 - Track
 - Path
 - Pathway
- Terrain:**
 - Highland
 - Low
 - Low
 - Low
- T2: Gender parity:**
 - Male: 0-25%
 - Female: 26-50%
 - Male: 51-75%
 - Female: 76-100%
- T3: ASM safety - Relative number and types of accident:**
 - Airlessness
 - Ground collapse
 - Burns
 - Freezing
 - Falling into holes
 - Other
- T4: Main ASM resources:**
 - Tungsten
 - Gold
 - Coal
 - Fluorite
 - Tin
 - Limestone
 - Semi-precious stone
 - Other

Project reference:
In 2012, the Sustainable Artisanal Mining project of the Swiss Agency for Development Cooperation (SDC) in Mongolia teamed up with Mongolia's National Statistical Office (NSO) to conduct a comprehensive survey of artisanal and small-scale mining (ASM) communities. The survey aimed to generate critical statistical information and to shed light on various legal, social, and economic dimensions of Artisanal ASM, including the contribution to Mongolia's country and social development. The survey results can be used to assess the effectiveness of the current ASM legal framework and to shape future policies. The survey was carried out in 2012 in the districts of Ulaanbaatar, and 17 ASM mining sites, distributed among 17,400 individuals engaged in artisanal and small-scale mining. They represent 1.2% of Mongolia's economically active population and 0.4% of its employed citizens. The survey generated a wealth of data and statistics, including 78,270 of employment, 71.8% of total income, and 71.3% of the value added. The map shows the geographical location of ASM work areas and displays some of the key data and survey findings. It provides policymakers and researchers with useful visual information on the status of ASM in Mongolia at the national, provincial, and sub-provincial level. It is intended as a tool of transparency enabling policymakers to monitor ASM formalization and challenges as well as to observe the status of ASM in different regions of Mongolia.

Map reference:
Please note that other information contained herein is used in other mapping projects, its source must be credited or cited as follows:
Peters, J., & Schmitt, E. (2015). Artisanal and Small-Scale Mining in Mongolia: A Statistical Overview based on Survey Data by Soum 2012. Center for Development and Environment (CDE), University of Bern, and the Swiss Agency for Development Cooperation (SDC), Ulaanbaatar, Mongolia. National Thematic Map Series (img) 1:1.5.963, Release 1.0 / November 2015.

Themes

T1: ASM occurrence - No. of miners

- <10
- 11-100
- 101-200
- 201-1000
- >1001

T16: Mining land permission

- 0 - 10%
- 10 - 25%
- 25 - 50%
- 50 - 100%
- 100 - 100%
- all permitted

T10: Occupational diseases

- 1 DoI = 1 disease

T12: Positive economic changes in life due to ASM

- Provided permanent workplace
- Income source for living
- Own dwelling
- Own car/transportation vehicle
- Paid tuition fee
- Other