

Anthropological Studies in a Commune Using **GIS Techniques**



CASE STUDY

Introduction

Understanding the historical and cultural evolution of communities is a crucial part of anthropological studies. However, analyzing changes over time can be challenging, especially when dealing with data from different periods and formats. Recognizing the potential of Geographic Information System (GIS) technologies in this context, a prominent university in USA, collaborated with SBL to conduct an anthropological research project in the commune of Uxeau, France.

Project scope

SBL was tasked with utilizing GIS techniques to analyze a series of vintage maps dating back to 1759, all of different scales. These maps were georeferenced in the Lambert II coordinate system using Esri software.

The project involved the capture of various geographical features such as agricultural lands, roads, rivers, ponds, forest land boundaries, and land parcels. These were captured as polygon features, while roads, rivers, and similar features were captured as lines. The final output was provided in an Esri compatible spatial database.

Project benefits

This project offered significant insights into the changing patterns of life, land ownership, crop cultivation, and tax patterns over time in the commune of Uxeau. These findings have enriched the anthropological understanding of the community and its evolution over the centuries.

Furthermore, the study shed light on the sustainability of the commune's environment, providing valuable information on the impacts of pollution over time.

Tools used

Esri

About us

SBL is a global IT company that excels in delivering innovative geospatial solutions. We work with a diverse range of clients from various industries, providing tailored solutions that transform complex data into actionable insights. Our commitment to accuracy, efficiency, and client satisfaction underpins all of our services, ensuring that we deliver results that exceed expectations.





SBL BANGALORE

Lewis Tech Park, 4th Floor, No. 18,
Millers Road, Benson Town, Bangalore,
Karnataka, India - 560046
Mob no.: +91 8086233600 | +91 9288004297
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL TRIVANDRUM

Sai Niketan, TC 23/1472, Golf Link Road,
Kowdiar, Trivandrum, Kerala,
India - 695003
Mob no.: +91 9288023999
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL GUWAHATI

Divine Plaza, 5th Floor, Dispur
Supermarket, G S Road. Guwahati, Assam,
India - 781006
Mob no.: +91 7593814570
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL USA

16192, Coastal Hwy. Lewes, Delaware
USA-19958
info@sblcorp.com
Toll Free No: 1800 630 5640

SBL DELHI

D - 49 Sector - 2. Gautam Budh Nagar,
Noida, Delhi - 201301
Mob no.: +91 9980043375
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL KOCHI

Carnival Infopark -Phase IV,
Third Floor, Kakkanad, Ernakulam, Kerala
India - 682042
Mob no.: +91 9895764867
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL TENKASI

No.10/799B, 1st Floor, Tirunelveli Main
Road, Pavoorchatram, Tenkasi dist,
Tamilnadu India - 627806
Mob no.: +91 9895764865
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL UK

SBL Infotech UK, 52 Grosvenor Gardens Hill
London, SW1W 0AU
Mob no.: +44 7773059148
geoff.blissitt@sblcorp.com

SBL KOLLAM

Dasan Building, Market Road,
Karunagappally, Kerala, India - 690518
Mob no.: +91 9995111521
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL MADURAI

ELCOT IT Park, Elcosez, 1st Floor,
Elandhaikulam, Tamilnadu
India - 625020
Mob no.: +91 7306823506
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)

SBL DUBAI

No:22 Al Habtoor Warehouse Complex, Al
Qusais Industrial 3, Dubai, UAE P.O.
Box No.- 2128
Mob no.: +971 581498176 | +971 508911851
info@sblcorp.com
Toll Free No: 1800 309 3434
(add +91 when dialling from outside India)