

55th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE  
ACTIVITIES (D5)

Knowledge management in the digital transformation (2)

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INCORPORATING KNOWLEDGE MANAGEMENT PRACTICES IN THE INTERDISCIPLINARY  
COLLABORATION BETWEEN THE SPACE INDUSTRY AND ARCHAEOLOGY

**Abstract**

One of the key issues in knowledge management is sharing knowledge across fields and generations. This paper works at the heart of that challenge by linking the use of remote-sensing data across the arts and the sciences by looking at an underutilized interdisciplinary sector of the space industry – archaeology. This paper examines outreach opportunities developed in the field of archaeology and employs the array of educational and accessible educational resources developed by the field to connect with a previously disconnected group of youth through the arts. Archaeological institutions provide unparalleled access to historical data and art and with the fresh approach of identifying archaeological sites through remote-sensing this access can bridge the knowledge gap. This paper will highlight the interdisciplinary nature of archaeology and earth observation missions in new and innovative ways and expand upon future methods of collaboration. And lastly, it will identify the successful educational and outreach opportunities in place today and which have been most effective at transferring knowledge across disciplines and generations.