

# Contents

<b>1</b>	<b>Thirty Years of Investigations in Nasca: From Proyecto Nasca to the ITACA Mission</b> . . . . .	<b>1</b>
	Giuseppe Orefici, Nicola Masini and Rosa Lasaponara	
<b>2</b>	<b>The Nasca Area and Its Environment</b> . . . . .	<b>21</b>
	Giuseppe Orefici and Josué Lancho Rojas	
<b>3</b>	<b>The Geology of Cahuachi</b> . . . . .	<b>47</b>
	Marco Delle Rose	
<b>4</b>	<b>Nasca Historical and Cultural Analysis</b> . . . . .	<b>65</b>
	Giuseppe Orefici	
<b>5</b>	<b>Anthropology and Bio-cultural Adaptation of the Ancient Nasca Inhabitants</b> . . . . .	<b>87</b>
	Andrea Drusini	
<b>6</b>	<b>The Role of Plants in the Nasca Culture</b> . . . . .	<b>101</b>
	Luigi Piacenza	
<b>7</b>	<b>The Paracas–Nasca Cultural Sequence</b> . . . . .	<b>121</b>
	Giuseppe Orefici	
<b>8</b>	<b>Religion in Nasca Culture</b> . . . . .	<b>163</b>
	Giuseppe Orefici	
<b>9</b>	<b>The Functions and Distribution of Space in the Urban and Religious Centers of the Río Nasca Valley</b> . . . . .	<b>181</b>
	Giuseppe Orefici	
<b>10</b>	<b>Petroglyphic Images and the Sacred Valleys</b> . . . . .	<b>197</b>
	Giuseppe Orefici	
<b>11</b>	<b>Nasca Geoglyphs: Technical Aspects and Overview of Studies and Interpretations</b> . . . . .	<b>217</b>
	Nicola Masini, Giuseppe Orefici and Josué Lancho Rojas	

<b>12</b>	<b>Cahuachi and Pampa de Atarco: Towards Greater Comprehension of Nasca Geoglyphs</b> .....	239
	Nicola Masini, Giuseppe Orefici, Maria Danese, Antonio Pecci, Manuela Scavone and Rosa Lasaponara	
<b>13</b>	<b><i>Puquios</i>: The Nasca Response to Water Shortage</b> .....	279
	Rosa Lasaponara, Josué Lancho Rojas and Nicola Masini	
<b>14</b>	<b>The Ceremonial Center of Cahuachi: Its Origins and Evolution</b> .....	329
	Giuseppe Orefici	
<b>15</b>	<b>Cahuachi Architecture</b> .....	343
	Giuseppe Orefici	
<b>16</b>	<b>Recent Discoveries in Cahuachi: The <i>Templo Sur</i></b> .....	363
	Giuseppe Orefici	
<b>17</b>	<b>Nasca Antaras and Whistles: A Musicological Study</b> .....	375
	Anna Gruszczyńska-Ziółkowska	
<b>18</b>	<b>Cahuachi and the Paracas Peninsula: Identifying Nasca Textiles at the Necropolis of Wari Kayan</b> .....	397
	Mary Frame	
<b>19</b>	<b>The Decline of Cahuachi and the End of the Nasca Theocracy</b> .....	449
	Giuseppe Orefici	
<b>20</b>	<b>Remote Sensing and Geophysics for the Study of the Human Past in the Nasca Drainage</b> .....	469
	Nicola Masini, Enzo Rizzo, Luigi Capozzoli, Giovanni Leucci, Antonio Pecci, Gerardo Romano, Maria Sileo and Rosa Lasaponara	
<b>21</b>	<b>Satellite SAR Remote Sensing in Nasca</b> .....	529
	Francesca Cigna and Deodato Tapete	
<b>22</b>	<b><i>Puquios</i>: New Insights from the Integration of Remote Sensing, GIS-Based Analyses and Geophysical Investigations</b> .....	543
	Rosa Lasaponara, Gabriele Nolè, Enzo Rizzo, Luigi Capozzoli, Gerardo Romano, Maria Danese and Nicola Masini	
<b>23</b>	<b>Geomatics Applications in Cahuachi and Nasca Territory</b> .....	581
	Gabriele Bitelli and Emanuele Mandanici	
<b>24</b>	<b>The Polychromy of Nasca Pottery: A Nondestructive Analytical Approach for Compositional and Mineralogical Investigation of Pigments</b> .....	593
	Lighea Pappalardo, Nicola Masini, Francesca Rizzo and Francesco Paolo Romano	

<b>25 Combating Illegal Excavations in Cahuachi: Ancient Problems and Modern Technologies</b> .....	605
Rosa Lasaponara and Nicola Masini	
<b>26 Nasca Lines: Space Tracking of Vandalism</b> .....	635
Nicola Masini, Maria Danese, Antonio Pecci, Manuela Scavone and Rosa Lasaponara	
<b>Index</b> .....	657