

**ENCYCLOPEDIA
OF THE
ARMENIAN
SCIENCE AND
TECHNOLOGY**



By

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Տրոնտո, Կանադա

Abbreviations

AD	Anno Domini (in the year of the Lord), After Christ, CE (Common Era)		
ASSR	Armenian Soviet Socialist Republic	ANAS	Armenian National Academy of Sciences
BC	Before Christ	YSU	Yerevan State University (YSU)
C.	Century	SU	Soviet Union
CC	Centuries	SEUA	State Engineering University of Armenia
EA	Eastern Armenia		
GA	Greater Armenia		
LA	Lesser Armenia		
RA	Republic of Armenia		
WA	Western Armenia		
WWI	First World War		
WWII	Second World War		

Armenian Alphabets

Աս	Aa	as in Part	Փփ	Pp	Put
Բբ	Bb	Boy	Էբ	Kk	Kit
Գգ	Gg	Good	Եվ և	Yev	
Դդ	Dd	Door	Օօ	Oo	Or
Եե	Yy, Ee	Yard, pet	Ֆֆ	Ff	Foot
Զզ	Zz	Zoo			
Էե	Ee	Egg			
Ըը	e'	as in Turn			
Թթ	Tt	To			
Ժժ	Zh	as in Pleasure			
Իի	Ii, ea	as in Peak			
Լլ	Ll	Look			
Խխ	Kh	as X in Russian			
Ծծ	ds	as in dsar in Armenian meaning Tree			
Կկ	hard k	as in Krak in Armenian meaning Fire			
Հհ	Hh	House			
Ձձ	dz	as in dzoo in Armenian meaning Egg			
Ղղ	gh	as in R in French or german			
Ճճ	tch	Armenian Tchut meaning chicken			
Մմ	Mm	Mom			
Եյ	Yy	Yes			
Նն	Nn	No			
Շշ	Sh	Show			
Ոո	Vo, Oo	More			
Չչ	Ch	Chair			
Պպ	P'	Hard P as in Piti in Armenian meaning Must			
Ջջ	Jj	Jerm			
Ռռ	RR	Rock			
Սս	Ss	Sick			
Վվ	Vv	Verb			
Տտ	Th	Hard T as in Thun in Armenian meaning house			
Րր	Rr	Room			
Յյ	Ts	Hertz			
Ու ու	U in	Urmia			

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oreword

In 2016, I defined a new project to publish a set of my Encyclopedias in English which could have a wide audience. These works are results of a few decades of studies, research, collection of resources (personal 100,000 books and thousands of archival documents, access to millions of books in the Armenian, Canadian, American and European national and university libraries, Armenian libraries of Vienna, Venice, New Julfa, Tehran and Tabriz). The first one was the Armenian Geographical Encyclopedia, published early 2017, then the second one, the Armenian Biographical Encyclopedia published in the Fall of 2017, then third volume under the Armenian Diaspora Encyclopedia was published and now I am presenting the fourth volume which is titled “The Encyclopedia of the Armenian Political History” which is actually the Armenian states Encyclopedia and is based on my other work titled “The History of the Armenian State” in seven volumes, in Armenian language published in Toronto. The series of encyclopedias will continue and will be published in the next few months, the fifth volume will be Armenian Scientific Encyclopedia, and the sixth volume will be “The Armenian printing and publication Encyclopedia” and so on.

Unfortunately Armenian sources in English language are not too many. Fortunately some valuable endeavors have been accomplished in the field of Armenian history in Armenian language since the 5th century until now, especially during Soviet era (1920-1990) which is the second Golden Era of the Armenian history after the first one which was the Fifth century. I hate to say that the books published in Armenia after 1991, when Armenia became “independent”, are not reliable in general sense with some exceptions. The reason is that due to collapse of Soviet Union, critical political and economical and cultural situation was created in the Armenian Republic. Many historians started writing books based on special orders. Academy of Sciences, Universities, etc. and the people involved lost greatly their scientific values and responsibilities. Many secret and non-secret agents came to Armenia from different

countries and put oil on the “corruption fire”. On top of that some individuals also were not exempted from this process. Financial corruption caused degradation in every aspect of lives of the people. And the books published abroad, in general are not reliable in general, there are terrible mistakes in their contents, deliberately or mistakenly. Of course it is not appropriate to present these books and individuals here.

I decided to prepare this book as a brief encyclopedia of the Armenian history from Social, Political and Cultural point of view. Due to limitation of the contents of this book, I have tried to present the articles as brief as possible.

Before presenting the main body of the book I thought it would be appropriate to introduce the brief History of Armenia and the Armenian people, Geography, etc. The main sources for writing this book were my “History of the Armenian State”, several editions of the History of Armenia, Armenian Soviet Encyclopedia (13 volumes), Armenian Concise Encyclopedia (4 volumes), multi-volume historical books of the classic Armenian historians (5-21 centuries), valuable works of Hrachia Atcharian, Encyclopedia of Armenian question, Encyclopedia of Armenian Diaspora, Some Greek and Roman classic sources, Persian and Arabic classic works, contemporary literature, travel notes, Armenian websites about Armenians, National Statistical data of Republic of Armenia, Encyclopedia of Britannica and Americana, multi-volume dictionary (encyclopedia) of Persian language by Dehkhoda in 32 volumes, Persian dictionary of Dr. Moien (volumes 5 & 6) Online Encyclopedias such as Wikipedia, Iranica, many other websites, etc.

In the Appendices section there are some complementary sub-sections, so that the reader can have better and deeper understanding of the historical processes occurred in this country and in the lives of Armenian people.

I’d like to appreciate any comments and suggestions to my potential errors for them I need to apologize, I will do my best to improve the quality of this research for the next printings.

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