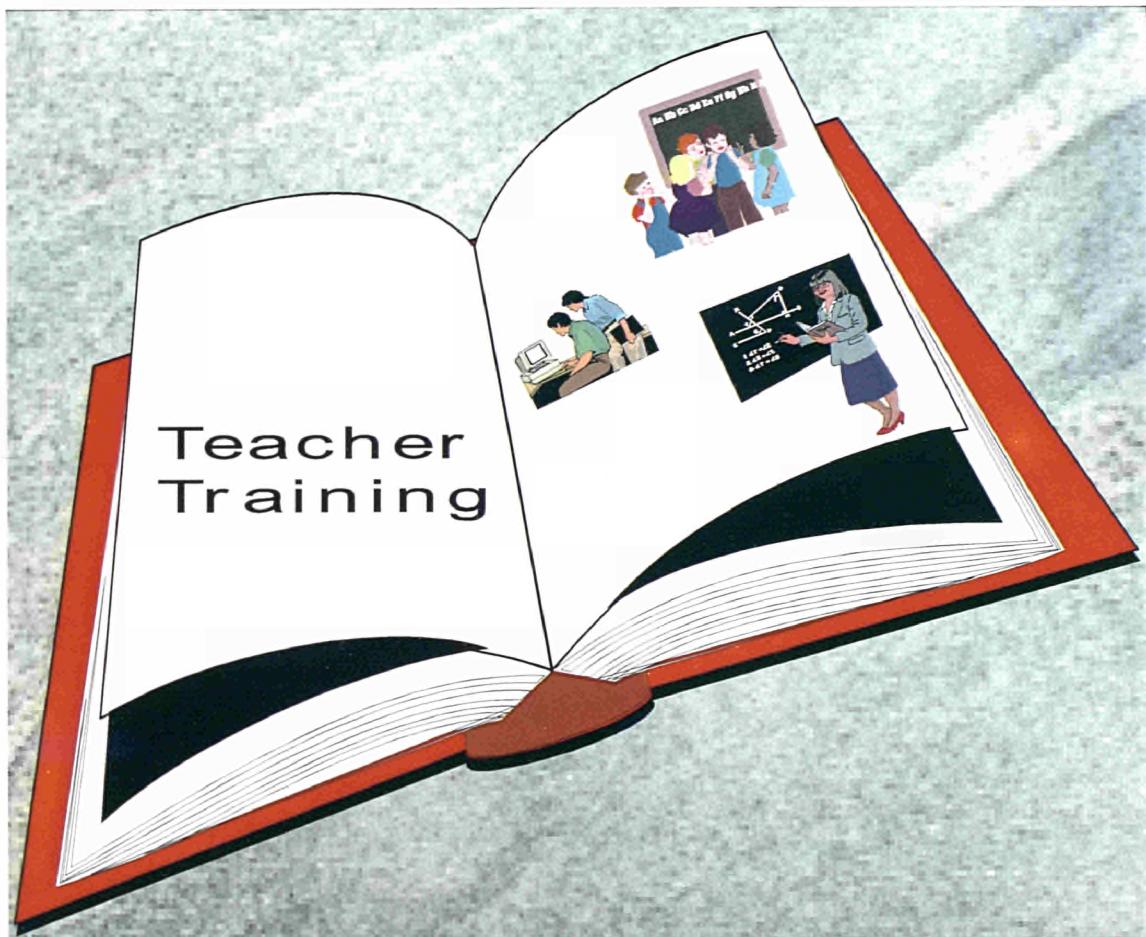




THEMATIC BIBLIOGRAPHY



No 1/95

EURYDICE
The Education Information Network
in the European Union and the EFTA/EEA Countries

**THEMATIC BIBLIOGRAPHY
TEACHER TRAINING**

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INTRODUCTION

Over a number of years, the EURYDICE European Unit has built up a considerable collection of documentation on the various issues in education. The value and the originality of this documentation derive from its essentially international dimension. These documents and articles also constitute the basic source of information for the documents prepared by the EURYDICE network.

Such is the variety of educational topics covered by this documentation that the European Unit of EURYDICE has taken the initiative in drawing up a new series of documents in the form of THEMATIC BIBLIOGRAPHIES. Each volume in this new series will be devoted to a topic of Community interest and will deal only with the most relevant European and international literature available at the European Unit. They will list the international publications and reports which have appeared in the course of the previous five years. The THEMATIC BIBLIOGRAPHIES series will appear twice a year in two versions, in French and in English.

Each of the THEMATIC BIBLIOGRAPHIES is organised as follows:

Once they have been selected, the documents dealing with the individual subjects are divided into several categories. These vary according to the subject in question and are chosen to cover all aspects of the specific issues presented in the bibliographical list.

The first issue in the THEMATIC BIBLIOGRAPHIES series is on TEACHER TRAINING, a recurrent topic in discussions at Community level and one on which the European Commission has encouraged EURYDICE to provide regular information.

About 50 documents have been selected, most of them dealing with both initial and in-service training. For this reason, no distinction has been made as regards this criterion. The references in this issue fall under four headings:

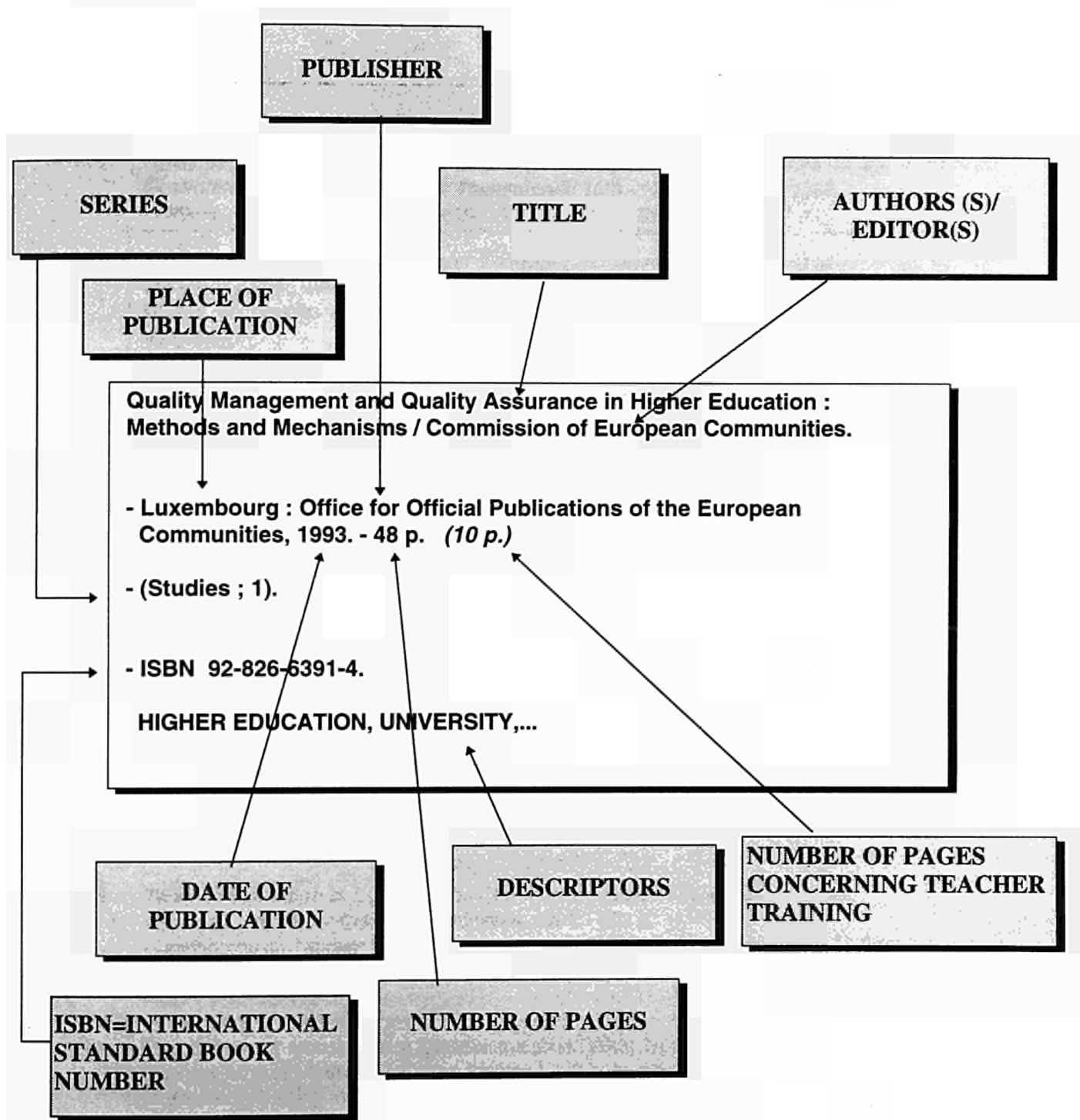
- A. GENERAL TRENDS AND POLICIES**
- B. DESCRIPTION OF TRAINING SYSTEMS**
- C. SPECIFIC AREAS OF TRAINING**
- D. TRAINING OF TRAINERS**

Within each category, the documents are presented chronologically, by year of publication.

All items in the documentation centre of the EURYDICE European Unit are indexed using the European Education Thesaurus and the descriptors employed are mentioned under each publication selected, so as to give users a clear idea of its content. In addition, the references are accompanied by an abstract.

Titles of publications not available in the language of the list have been translated so as to help to give readers a clear understanding of the subject matter.

The following schema illustrates in detail the various elements included in the bibliographical presentation:



This document has been prepared in 1994 by Fernando Frechauth, Mette Scheel and Colette Vanandruel of the EURYDICE European Unit's documentary resources centre.

It is shown that the theory of the coupled Rayleigh mode can be extended to include the effect of finite shear modulus and density ratios. The theory is applied to the case of a two-layered medium with a free surface.

Key words: Rayleigh wave, coupled Rayleigh mode, finite shear modulus, finite density ratio, two-layered medium, free surface.

INTRODUCTION—The theory of the coupled Rayleigh mode was developed by Golombok and Golombok (1970) for the case of a two-layered medium with a fixed bottom boundary. The theory was later extended to include the effect of finite shear modulus and density ratios by Golombok and Golombok (1972).

The theory of the coupled Rayleigh mode has been applied to the case of a two-layered medium with a free surface by Golombok and Golombok (1973). The theory is applied to the case of a two-layered medium with a free surface.

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A. GENERAL TRENDS AND POLICIES

EUROPEAN UNION



Analysis of In-service Teacher Training Strategies in the Countries in the European Economic Community : Seminar Thessaloniki 10th - 12th November 1988.

- Athens : Ministry of National Education and Religious Affairs, 1988. - 157 p.

This study describes the initiatives of the European Commission in the field of in-service teacher training together with recent developments. The report also gives a description of 12 case studies on specific actions and an analysis of problems related to the different strategies adopted.

IN-SERVICE TRAINING, TEACHING PROFESSION, SEMINAR



La formation des enseignants et les universités.

- Oxfordshire : Carfax Publishing Company, 1991. - 329 p. (67 p.)
- (European Journal of Teacher Education ; vol. 14 ; n° 3).
- Translated title : Teacher Training and the Universities.

This volume compiles articles treating current concerns in the field of initial training in several countries. Special attention is given to the trend towards granting universities a more fundamental role in the preparation of teachers. At the same time, it is stressed that national policies are according increasing importance to the need to improve the quality of teacher education at primary school level.

INITIAL TRAINING, PRIMARY EDUCATION, EDUCATIONAL RESEARCH, (+ NORWAY)

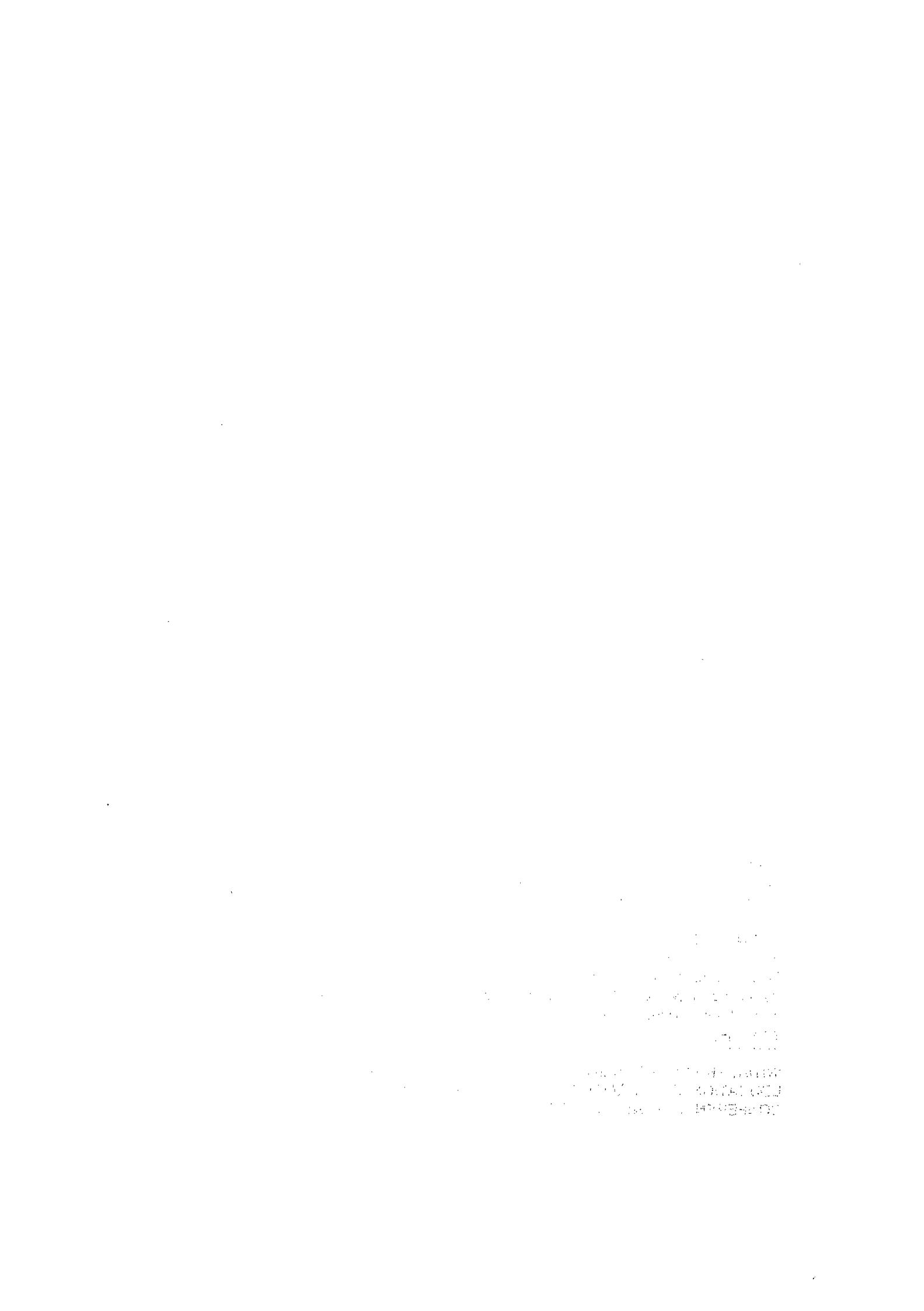


Teacher Education in Europe : The Challenges ahead / T.R. Bone ; J. McCall.

- Glasgow : Jordanhill College of Education, 1991. - 392 p.
- Conference on Teacher Education in Europe, Jordanhill College, Glasgow, 9-13 September 1990.
- ISBN 1-85098-412-3.

This document focuses on a general question: What type of education and training should teachers be given today? Five main themes have been developed: initial and continuing training of teachers, training institutions, the European Dimension in education and the role of foreign languages.

INITIAL TRAINING, IN-SERVICE TRAINING, TEACHING PROFESSION, COLLEGE OF EDUCATION, EUROPEAN DIMENSION, LANGUAGE TEACHING, FOREIGN LANGUAGES, CONFERENCE, (+ AUSTRIA, FINLAND)





Teacher Education in the Nineties : Towards a New Coherence, vol. 1 / John Coolahan ; ATEE.

- Limerick : Mary Immaculate College of Education, 1991. - 320 p.
- Papers from the 15th Annual Conference of the Association for Teacher Education in Europe (ATEE), Mary Immaculate College of Education, Limerick, Ireland, 1990.
- ISBN 0-9518060-0-9.

INITIAL TRAINING, TEACHING PROFESSION, TEACHER APPRAISAL, SCHOOL-COMMUNITY RELATION, TEACHING QUALITY, CRISIS OF EDUCATION, EUROPEAN DIMENSION, CONFERENCE, (+ USA)



Teacher Education in the Nineties : Towards a New Coherence, vol. 2 / John Coolahan ; ATEE.

- Limerick : Mary Immaculate College of Education, 1991. - P. 321-646.
- Papers from the 15th Annual Conference of the Association for Teacher Education in Europe (ATEE), Mary Immaculate College of Education, Limerick, Ireland, 1990.
- ISBN 0-9518060-1-7.

INITIAL TRAINING, TEACHING PROFESSION, TEACHER APPRAISAL, SCHOOL-COMMUNITY RELATION, EUROPEAN DIMENSION, TEACHING QUALITY, CONFERENCE, (+ ISRAEL, SWEDEN, FINLAND, USA, YUGOSLAVIA)

The opening conference brought out the challenges currently facing the teaching profession: education, teachers' working conditions and the future role of teacher trainers. The different articles compiled here offer comparative or international views on the interaction between teachers and society today. Also examined are criticisms of the teaching profession and different ways in which coherence within the system could be improved.



Les tendances nouvelles dans la formation des enseignants : stratégies françaises et expériences étrangères : actes du colloque de la revue Recherche et formation, Versailles, 14, 15 et 16 novembre 1990 / Raymond Bourdoncle ; Andrée Louvet.

- Paris : Institut national de recherche pédagogique (INRP), 1991. - 193 p.
- (Recherche et formation).
- ISBN 2-7342-0288-3.
- Translated title : New Trends in Teacher Education : French Strategies and Experiences Abroad : Proceedings of the Colloquium of the Journal "Recherche et formation", Versailles 14-16 November 1990.

INITIAL TRAINING, IN-SERVICE TRAINING, UNIVERSITY, RESEARCH, RECRUITMENT, TRAINING-EMPLOYMENT RELATIONSHIP, CONGRESS, (GERMANY - FEDERAL REPUBLIC, SPAIN, FRANCE, ITALY, PORTUGAL, UNITED KINGDOM + OECD, CANADA, ROMANIA, USA)



Tendances nouvelles de la formation des enseignants : communications du colloque de Recherche et formation.

- Paris : Institut national de recherche pédagogique (INRP), 1991. - 227 p.
- (Recherche et formation ; n° 10).
- N° spécial.
- Colloque organisé à Versailles du 14 au 16 novembre 1990.
- ISSN 0988-1824.
- Translated title : New Trends in Teacher Education : Communications of the Colloquium organized by "Recherche et formation".

INITIAL TRAINING, IN-SERVICE TRAINING, TEACHING PROFESSION, TRAINER, RESEARCH, RECRUITMENT, CONGRESS, (FRANCE, UNITED KINGDOM + CANADA, CZECHOSLOVAKIA, NORWAY)

These two volumes bring together the findings of a number of conferences dealing with current problems in teacher training in different countries and, in particular, with the topic of teacher education provided at university. The main conferences sought to focus on the reasons for reforms and to present a comparative approach to the role universities play in teacher education in England, the United States and France. It is proposed that "training engineering" may offer a new way of approaching the issue.



New Prospects for Teacher Education in Europe : A Symposium Report / J.H.C. Vonk ; H.J. Van Helden.

- Amsterdam : Universitaire Lerarenopleiding Vrije Universiteit, 1992. - 61 p.
- ISBN 90-71282-24-4.

INITIAL TRAINING, OCCUPATIONAL MOBILITY, EUROPEAN DIMENSION, RESEARCH, TEACHER STATUS, TEACHING QUALITY, CONGRESS



New Prospects for Teacher Education in Europe II : Conference Proceedings / J.H.C. Vonk ; J.H.G.I. Giesbers ; J.J. Peeters.

- Amsterdam : Universitaire Lerarenopleiding Vrije Universiteit, 1992. - 254 p.
- ISBN 90-71282-31-7.

These two volumes contain the papers presented at the 16th Annual Conference of the ATEE. The articles describe the different approaches adopted within the European Union to raise the quality of education, foster the "professionalisation" of teacher education and improve teachers' status.

INITIAL TRAINING, IN-SERVICE TRAINING, RESEARCH, TEACHER STATUS, EUROPEAN DIMENSION, FOREIGN LANGUAGES, TEACHING MODEL, RACISM, COMPENSATORY EDUCATION, EQUAL OPPORTUNITY, CONGRESS



Proceedings of the Lyon Seminar : Educational Research and Teacher Education.

- Oxfordshire : Carfax Publishing Company, 1992. - 145 p.
- (European Journal of Teacher Education ; vol. 15 ; n° 1-2).

The national conferences and case studies presented in the proceedings of this seminar address theoretical and practical questions on research in education and its impact on teachers and education systems. The issue of the role research should play in teacher education is analysed in the context of changes in the training of teachers, the growing demands being placed on teachers and the concern for professionalising their status.

INITIAL TRAINING, IN-SERVICE TRAINING, EDUCATIONAL RESEARCH, CONFERENCE



Quels enjeux pour les systèmes éducatifs ? : Actes du colloque européen, samedi 7 novembre 1992, Mont-Saint-Aignan / Association pour le développement des relations pédagogiques avec l'étranger (A.DE.RE.PE.) ; Inspection académique de la Seine-Maritime.

- Rouen : A.DE.RE.PE., 1992. - 95 p. (22 p.)
- Translated title : Education Systems : What are the Issues ? : Proceedings of the European Colloquium held on Saturday, 7 November 1992 at Mont-Saint-Aignan.

The fourth part of this colloquium's proceedings presents the general structure of teacher education, its legal framework, practical training, the system of evaluation as well as recent reforms adopted in three countries of the European Union (the Netherlands, Germany, United Kingdom).

INITIAL TRAINING, EDUCATION SYSTEM, EDUCATIONAL POLICY, MIGRANT WORKER'S CHILD, TRANSITION FROM SCHOOL TO WORK, VOCATIONAL TRAINING, COMMUNITY POLICY, CONGRESS



The Teaching Nation : Prospects for Teachers in the European Community / Guy Neave.

- Oxford : Pergamon Press, 1992. - 158 p.
- ISBN 0-08-041381-1.

The six chapters of this study present a complete overview of the situation of the teaching profession at the beginning of the final decade of this century. The study focuses on access to the profession and on initial training policies. The first part gives a summary view of how relations between teachers and the public have developed; the second part describes the major structural changes which have affected teacher education since 1975.

INITIAL TRAINING, TEACHER, WORKING CONDITIONS, SUPPLY OF TEACHERS, POPULATION TRENDS, TEACHER STATUS, RECRUITMENT



Teacher Education in Europe.

- Brussels : European Trade Union Committee for Education (ETUCE), 1994. - 101 p.

This document presents a series of recommendations concerning training requirements as submitted by the working group which has addressed the issue since 1993. Each chapter is devoted to a specific topic (such as the organization of initial training, training content and the European dimension...). An overview of the current situation accompanies each of the specific proposals. The study also takes into account the role played by European institutions and action programmes.

INITIAL TRAINING, IN-SERVICE TRAINING, CURRICULUM, EUROPEAN DIMENSION,
TEACHER EXCHANGE, TEACHER STATUS, COMMUNITY ACTION PROGRAMME

UNESCO



Quelle formation pour les enseignants du premier degré ?

- Paris : Unesco, 1990. - 127 p.
- ISBN 92-3-202640-6.
- Translated title : Patterns of Training for Primary School Teachers.

Summary document covering the initial and in-service training of teachers at primary school level from 1960 to 1985. The report seeks to detect and assess the impact of innovative topics at the level of training institutions and at the level of the Member States, the regions and the international community.

INITIAL TRAINING, IN-SERVICE TRAINING, PRIMARY EDUCATION

B. DESCRIPTION OF TRAINING SYSTEMS

EUROPEAN UNION



The In-service Training of Teachers in the Twelve Member States of the European Community / V. Blackburn ; C. Moisan.

- Maastricht : Presses interuniversitaires européennes, 1987. - 63 p.
- (Education Policy Series).
- ISBN 90-70776-16-2.

This volume first presents diagrams on the in-service training of teachers in compulsory education at the end of the 1980s. These comparative data are followed by a critical analysis of trends characterising further education for teachers. The closing section sets out the conditions necessary for developing the effectiveness of training and puts forward several specific proposals.

IN-SERVICE TRAINING, INITIAL TRAINING, TEACHER STATUS, EDUCATION SYSTEM, HEAD TEACHER, TRAINER, TEACHER APPRAISAL



In-service Technical and Vocational Teacher Training in Europe : A Comparative Study of all sorts of Extended Training and Further Education following on the top of Initial Teacher Education Activities / Association for Teacher Education in Europe (ATEE) ; HEURAS.

- Brussels : HEURAS, 1990. - 85 p.

By describing and analysing the structures, institutions and other bodies concerned with in-service technical and vocational teacher training, the authors seek to highlight the inherent similarities and differences. Their primary purpose is to contribute to improving the quality of both in-service teacher training and the networks operating in this specific area.

IN-SERVICE TRAINING, VOCATIONAL TRAINING, TECHNICAL EDUCATION, VOCATIONAL EDUCATION, COLLEGE OF EDUCATION, EDUCATIONAL LEAVE, FINANCING, TEACHER APPRAISAL, FURTHER TRAINING, ORGANISING BODY, (+ EFTA COUNTRIES)



Comparative Directory of Initial Training for Early Years Teachers / C. Pascal ; T. Bertram ; P. Heaslip.

- Worcester : Association for Teacher Education in Europe (ATEE), 1991. - 12 folders.
- ISBN 0-9518258-0-1.

This directory consists of loose-leaf pamphlets giving information on the organization, status and structure of initial teacher training in preschool education. The directory also offers a comparative table giving data on the training provided in all countries.

INITIAL TRAINING, DIRECTORY, PRE-SCHOOL EDUCATION, (+ SWEDEN)



L'école et les enseignants dans les pays de la Communauté européenne / Annette Bigaud ; Louis Weber.

- Paris : Association pour le développement d'auxiliaires pédagogiques et de technologies d'enseignement (ADAPT), 1991. - 171 p. (23 p.)
- (Questions pour l'Europe ; II).
- Translated title : Schools and Teachers in the Member States of the European Community.

This second volume in the series "Questions for Europe" is devoted to education systems and the situation of teachers. For each Member State, the authors address the following issues: administrative structures in education, structures of education systems, categories of institutions, organization of school time, initial and in-service training of teachers, working and employment conditions, salaries, social entitlements and the trade union movement.

INITIAL TRAINING, IN-SERVICE TRAINING, EDUCATION SYSTEM, CURRICULUM, TEACHERS' ORGANIZATION, WORKING CONDITIONS



L'Europe et l'éducation / Joseph Giordani.

- Nice : Centre régional de documentation pédagogique (CRDP), 1991. - 239 p. (43 p.)
- ISBN 2-86629-196-4.
- Translated title : Europe and Education.

J. Giordani looks back through European history and traces the development of school systems from antiquity to the present day. The author offers an overview of initial and in-service teacher training in the form of descriptive tables for each Member State. These tables contain the following categories of information: conditions of access, training type and level, duration and type of education, practical placements, diplomas.

INITIAL TRAINING, IN-SERVICE TRAINING, EDUCATION SYSTEM



Initial Teacher Training in the Member States of the European Community / Italian Eurydice Unit.

- Brussels : European Unit of Eurydice, 1991. - 51 p.
- ISBN 2-87116-162-3.

This report describes the initial training of teachers by using an identical structure for each Member State of the European Union. This approach is intended to help readers more familiar with the Italian education system to place certain general trends in a European context. Each country description is preceded by a straightforward diagram presenting the different levels of education.

INITIAL TRAINING, ADMISSION REQUIREMENTS, TEACHING PROGRAMME, LEARNING MODULE, ACCESS TO EMPLOYMENT



- Initial Teacher Training in the European Community : An Overview** / J. Le Metais, Eurydice Unit London, Educational Policy Information Centre (EPIC).
- Slough : National Foundation for Educational Research (NFER), 1991. - 36 p.
- ISBN 0-7005-1281-0.

This document looks at the general training provisions for teachers (of pupils up to age 18) employed by schools financed from public funds, excluding pre-school, technical, vocational and special education. The information is presented by country and consolidated in five sections as follows: types of institutions, categories of teachers, conditions of access to teacher training, teacher education procedures, qualifications.

INITIAL TRAINING, COLLEGE OF EDUCATION, ADMISSION REQUIREMENTS,
CURRICULUM, CERTIFICATION



- Teacher Mobility in the European Community : Initial Training - A Comparative Description.**
- Brussels : Eurydice European Unit, 1991. - 29 p.
- ISBN 2-87116-168-2.

This comparative study describes the similarities and differences in the initial training of primary and secondary school teachers in the countries of the European Union: general organization of education, content of studies and practical training. Information on admission requirements and qualifications for teachers in each Member State is also provided.

INITIAL TRAINING, TEACHING EXPERIENCE, PRIMARY EDUCATION, SECONDARY
EDUCATION, ADMISSION REQUIREMENTS, CERTIFICATION



- The Teaching Profession in Europe** / E.G. Archer ; B.T. Peck.
- Glasgow : Jordanhill College of Education, 1991. - 368 p. - Glossary.
- ISBN 1-85098-253-8.

This work comprises 17 case studies on education, the teaching profession and teacher training in European countries. These studies provide a dynamic summary filled with specific examples and interviews on the diversity of training and the daily life of teachers. The case studies are preceded by an overview of teachers' specific professional details and of the opportunities offered by the new European context. The book concludes with a summary table of initial teacher training systems.

INITIAL TRAINING, IN-SERVICE TRAINING, TEACHING PROFESSION, OCCUPATIONAL
MOBILITY, PROFESSIONAL ASSOCIATION, ADMISSION REQUIREMENTS, DIRECTORY,
(+ SWEDEN, SWITZERLAND)



- ATEE - Guide to Institutions of Teacher Education in Europe (AGITE) / Friedrich Buchberger.**
- Brussels : Association for Teacher Education in Europe (ATEE), 1992. - 490 p.
- ISBN 2-87125-026-X.

This large volume is a valuable reference tool, presenting a practically exhaustive list of initial and further education bodies for teachers. For each institution, this list offers demographic data, a description of the institution and its commitments in the international field: curriculum, study/teaching visits abroad, exchanges, hosting of teachers and students.

INITIAL TRAINING, IN-SERVICE TRAINING, DIRECTORY, COLLEGE OF EDUCATION, COMMUNITY ACTION PROGRAMME, (+ EFTA COUNTRIES, EASTERN EUROPE)



- Bestandsaufnahme zur Lehrerausbildung in den Mitgliedstaaten des Europäischen Gemeinschaft.**
- Bonn : Sekretariat der Ständigen Konferenz des Kultusminister der Länder in der Bundesrepublik Deutschland, 1992. - 221 p.
- Translated title : Current Situation of Teacher Training in the Member States of the European Community.

Prepared at the request of the Standing Conference of the Ministers of Education and Cultural Affairs of the *Länder*, this report gives an overview of teacher training in the European Union. It contains basic information on conditions of access, educational institutions, duration of training, diplomas and certificates awarded, and the status of teachers.

INITIAL TRAINING, TEACHING PROFESSION, EDUCATION SYSTEM, COLLEGE OF EDUCATION, ADMISSION REQUIREMENTS, TEACHER STATUS, CERTIFICATION



- La formazione iniziale e in servizio degli insegnanti : dossier.**
- Roma : Le Monnier, 1992. - 62 p.
IN : Annali della Pubblica Istruzione, n° 5-6, Settembre-Dicembre 1992, p. 643-704.
- Dossier contains :
- Problemi e metodi di una formazione iniziale e in servizio dei docenti di scienze nei paesi europei / A. Bargellini. - Problemi e metodi di una formazione iniziale e in servizio dei docenti / A. Borsese. - La formazione degli insegnanti in servizio : una proposta per la didattica della matematica / M. Fasano ; M. Polo. - I nuovi programmi di fisica : problemi e metodi per la formazione iniziale e in servizio dei docenti / B. Dibilio. - L'insegnamento della biologia in relazione ai processi di innovazione implicazioni per la formazione degli insegnanti / S. Cigny.
- Translated title : Initial and In-service Teacher Training : Dossier.

This document focuses on issues of initial and in-service teacher training in specific fields: sciences, physics, mathematics and biology. Although presenting problems and methods of training in several countries together with various examples of didactic approaches, this work highlights the specific characteristics of the Italian training system and concentrates on problems encountered in Italy.

INITIAL TRAINING, IN-SERVICE TRAINING, TEACHING PROFESSION



In-service Technical and Vocational Teacher Training in Europe : A Comparative Study of all sorts of Extended Training and Further Education following on the top of Initial Teacher Education Activities / Anne-Lise Tarrou.

- Brussels : Association for Teacher Education in Europe (ATEE), 1993. - 78 p.
- (ATEE Cahiers ; 2).
- This study is complementary to the study from the ATEE Working Group in 1990.
- ISBN 2-87125-031-6.

This study provides a summary of in-service technical and vocational teacher training practices and policies based on an analysis of national reports drafted by members of the ATEE working group. These reports review existing provisions, the organization of training, contents and methods, and evaluation procedures. The reports do not reflect official training policies or scientific approaches and instead offer information drawn from experience in the field.

INITIAL TRAINING, IN-SERVICE TRAINING, TEACHING PROFESSION, VOCATIONAL TRAINING, TECHNICAL EDUCATION, VOCATIONAL EDUCATION, COLLEGE OF EDUCATION, FINANCING, TEACHER APPRAISAL, FURTHER TRAINING, ORGANISING BODY, (+ EFTA COUNTRIES)



Insegnare in Europa : comparazione di sistemi formativi e pedagogia degli scambi interculturali / Donatella Palomba ; Nadia Bertin.

- Milano : Franco Angeli, 1993. - 292 p.
- ISBN 88-204-7821-8.
- Translated title : Teaching in Europe : A Comparison of Training Systems and Approaches to Intercultural Exchanges.

This document discusses the educational aspects of exchanges and proposes methodological guidelines with a view to developing the ability of teachers to undertake a comparative analysis of education systems against the backdrop of increasing mobility in the field of education. Emphasis is laid on identifying innovative aspects of didactics and education policies.

INITIAL TRAINING, IN-SERVICE TRAINING, EUROPEAN DIMENSION, EDUCATION SYSTEM, VOCATIONAL TRAINING, COMMUNITY ACTION PROGRAMME, EDUCATIONAL POLICY, STUDENT MOBILITY, INTERCULTURAL EDUCATION, INTERNATIONAL EXCHANGE



The Teacher Education Curricula in the Member States of the European Community / Stanley Miller ; Philip Taylor.

- Brussels : Association for Teacher Education in Europe (ATEE), 1993. - 115 p.
- (ATEE Cahiers ; 3).
- ISBN 2-87125-033-2.

This work combines a descriptive and comparative analysis of teacher education curricula with a series of interviews regarding the contents of such training. One section is devoted to the findings of an enquiry into trainers' attitudes towards their profession. The report concludes by sketching out areas of future research.

INITIAL TRAINING, TEACHING PROFESSION, CURRICULUM, QUESTIONNAIRE



In-service Teacher Training in the European Union and the EFTA/EEA Countries.

- Brussels : Eurydice European Unit, 1994. - 150 p.
- ISBN 2-87116-224-7.

This study gives an updated description of how in-service teacher training is organized at the preschool, primary and secondary education levels. A detailed presentation of specific measures and access conditions is provided for each European country covered by the survey. The reader will find information on training bodies, the duration of training, and training content. The study also describes training opportunities for further qualifications.

**IN-SERVICE TRAINING, LEGISLATION, EDUCATION BUDGET, FURTHER TRAINING,
INITIAL TRAINING, ORGANISING BODY, TRAINER, EVALUATION, OCCUPATIONAL
MOBILITY, STATISTICAL DATA, EDUCATIONAL REFORM, (+ EFTA COUNTRIES)**

UNESCO



Innovations and Initiatives in Teacher Education in Asia and the Pacific Region.

- Bangkok : Unesco Principal Regional Office for Asia and the Pacific, 1990. - 2 vol. - Bibliography.
- Vol. 1 : Comparative Overview of Fifteen Countries. - 120 p.
- Vol. 2 : Case Studies of Fifteen National Systems. - 230 p.

The first volume is devoted primarily to identifying new orientations and developments in the field of education and teacher training. The different innovations are categorised with respect to ten major topics (initial training, special education, recruitment and admission, training of trainers, research in education, etc.). The second volume presents 15 case studies illustrating the situation in several parts of the world.

**INITIAL TRAINING, IN-SERVICE TRAINING, STATISTICAL DATA, (AUSTRALIA, CHINA,
INDIA, JAPAN, KOREA, MALAYSIA, MALDIVES, NEPAL, NEW ZEALAND, PAKISTAN,
PHILIPPINES, SRI LANKA, THAILAND, VIETNAM, WESTERN SAMOA)**

C. SPECIFIC AREAS OF TRAINING

AGRICULTURAL TRAINING

EUROPEAN UNION



Agricultural Teacher Education in Europe : 1991 Vademecum.

- Montpellier : Bernard Petit, 1992. - 413 p.
- ISBN 2-85352-115-X.

This volume gives an overview of institutions offering initial and in-service training for teachers in agriculture at secondary level or in short-cycle higher education. The first part is devoted to a general presentation of the organization of agricultural education in each country. The second part provides a list of the different institutions active in this specific field of education.

AGRICULTURAL TRAINING, INITIAL TRAINING, IN-SERVICE TRAINING, DIRECTORY, EDUCATIONAL INSTITUTION, ADMISSION REQUIREMENTS, CURRICULUM, EVALUATION, EUROPEAN DIMENSION, COMMUNITY ACTION PROGRAMME, (+ SWITZERLAND)

EQUAL OPPORTUNITY

EUROPEAN UNION



Equal Opportunities in Teacher Education : A Guide to Curriculum Innovation / Anne-Lise

- Arnesen ; Dearbháil Ni Charthaigh.
- Brussels : Association for Teacher Education in Europe (ATEE), 1991. - 60 p.
- TENET : Teacher Education NETwork.

Giving advice and specific examples of how to proceed, this guide underscores the importance of developing new and innovative teacher training curricula which take account of the need to assure equal opportunities. The main stages in preparing a project in this area are also presented. The last section of the guide offers a list of useful references, projects and addresses.

EQUAL OPPORTUNITY, INITIAL TRAINING, IN-SERVICE TRAINING, CURRICULUM, ACTION RESEARCH



Pathways to Change : Gender and Curriculum Development in Teacher Education /

Anne-Lise Arnesen ; Dearbhail Ni Charthaigh.

- Brussels : Association for Teacher Education in Europe (ATEE), 1992. - 129 p.
- (Series on Equal Opportunities and Teacher Education in Europe ; 1).
- ISBN 0-86339-3543.

A practical and professional guide for teacher trainers seeking to develop new teacher training curricula with a view to assuring equal opportunities. The first section underscores how important it is to develop innovative curricula and gives specific examples of how this can be accomplished. The second section offers advice on how to establish different stages in the planning and development of curricula. The third section contains a project planning guide. The fourth section gives a list of existing projects in countries of the European Community and EFTA.

EQUAL OPPORTUNITY, INITIAL TRAINING, IN-SERVICE TRAINING, (+EFTA COUNTRIES)



Ways and Meanings : Gender, Process and Teacher Education / Pam Boulton ; Laurie Cohen ; John Coldron.

- S.I. : Association for Teacher Education in Europe (ATEE), 1992. - 171 p.
- (Series on Equal Opportunities and Teacher Education in Europe ; 2).
- ISBN 0-86339-3551.

This book is part of a series devoted to recent experiments in the field of equal opportunities and focuses on the key role played by schools, social institutions and teachers.

EQUAL OPPORTUNITY, INITIAL TRAINING, IN-SERVICE TRAINING, (NETHERLANDS, DENMARK, PORTUGAL, IRELAND, UNITED KINGDOM + FINLAND, NORWAY)

EUROPEAN DIMENSION

EUROPEAN UNION



La formation des enseignants de l'Europe de demain / Francine Vaniscotte.

- Firenze : Le Monnier, 1992. - 9 p.
- IN : Scuola democratica, n° 1-2, p. 170-178.
- Translated title : Teacher Training in Tomorrow's Europe.

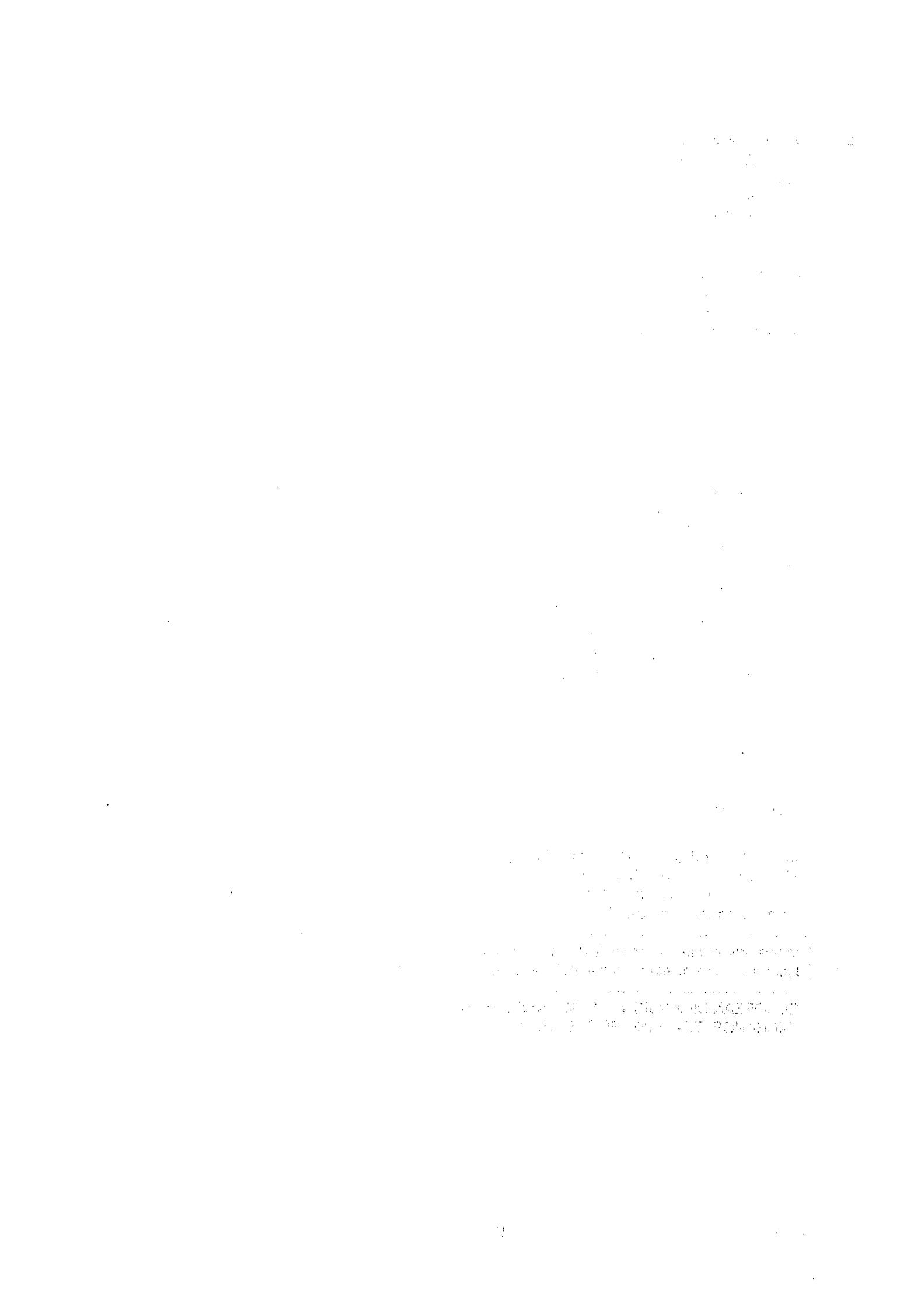
In this article, the author analyses the main reasons for the crisis in the teaching profession and looks into ways of introducing a real European dimension in education.

EUROPEAN DIMENSION, INITIAL TRAINING, IN-SERVICE TRAINING, TEACHER EXCHANGE, TEACHING PROFESSION

OF THE TEACHING PROFESSION IN THE EUROPEAN UNION : A PRACTICAL PERSPECTIVE

THEORETICAL AND PRACTICAL CHALLENGES

TEACHING PROFESSIONALISATION AND EDUCATIONAL STUDY ABROAD





The European Dimension in Teacher Education / Y. Beernaert ; H. Van Dijk ; Th. Sander.

- Brussels : Association for Teacher Education in Europe (ATEE), 1993. - 264 p.
- Sub-network 4 RIF (Network of Teacher Training Institutions).
- ISBN 2-87125-032-4.

This study, published in the context of work carried out by the Network of Training Institutions (RIF), was conceived as a vademecum for teacher trainers and future teachers. It contains a highly diverse range of information on the European dimension and how it can be introduced into the initial and in-service training of teachers.

The reader will also find this work useful for understanding the European structures and official documents that are used as a basis for activities related to the European dimension. Readers will also find information on services which could provide valuable advice during their implementation of projects.

**EUROPEAN DIMENSION, INITIAL TRAINING, IN-SERVICE TRAINING,
EUROPEAN ACTION PROGRAMME**



Teacher Education and the Erasmus Programme / Mark Delmartino.

- Brussels : Association for Teacher Education in Europe (ATEE), 1993. - 80 p.
- (ATEE Cahiers ; 4).
- ISBN 2-87125-034-0.

The study gives an analysis of how education faculties and teacher training departments participate in the Erasmus Programme. Based on an analysis of the Erasmus Programme's activities in the field of training, a list of problems and potential solutions is proposed together with specific recommendations.

**EUROPEAN DIMENSION, INITIAL TRAINING, IN-SERVICE TRAINING,
EUROPEAN ACTION PROGRAMME, ERASMUS, TEACHER EXCHANGE**

LANGUAGE TEACHING

EUROPEAN UNION



The In-service Training of Foreign Language Teachers in the Member States of the European Community I. in their own Member State II. in another Member State.

- Brussels : Eurydice European Unit, 1991. - 33 p.
- ISBN 2-87116-167-4.

This document responded to the demand for information on initial training of foreign language teachers during preparations for the Lingua Programme. The report gives a detailed description of initial training systems in each Member State of the European Union, and of the duration, organization and financing of training.

**LANGUAGE TEACHING, FOREIGN LANGUAGES, IN-SERVICE TRAINING,
STUDY ABROAD**

BRUNSWICK



The Teaching of Modern Foreign Languages in Primary and Secondary Education in the European Community.

- Brussels : Eurydice European Unit, 1992. - 72 p.
- ISBN 2-87116-194-1.

Detailed description of foreign language teaching in each Member State. Several topics are addressed and illustrated with statistical data and graphs, including initial and in-service training for foreign language teachers and pupil exchanges.

LANGUAGE TEACHING, FOREIGN LANGUAGES, INITIAL TRAINING, IN-SERVICE TRAINING, SCHOOL EXCHANGE, STATISTICAL DATA



Attainment Targets for Foreign Language Teacher Education in Europe : A European View / Gerard M. Willems.

- Brussels : Association for Teacher Education in Europe (ATEE), 1993. - 64 p.
- (ATEE Cahiers ; 5).
- ISBN 2-87125-029-4.

This volume stresses the need to help future foreign language teachers be aware of three essential points: the reasons for learning foreign languages, contents to be taught, and methodology. Based on its analyses, this book proposes a series of specific attainment targets which could be used in developing curricula. A detailed bibliography and three annexes offer active approaches to working in the field of foreign language learning.

LANGUAGE TEACHING, FOREIGN LANGUAGES, INITIAL TRAINING, IN-SERVICE TRAINING, JOB REQUIREMENTS, EUROPEAN DIMENSION

NEW INFORMATION TECHNOLOGIES

OECD



New Information Technologies in Schools : Teacher Training, Research and the Role of Higher Education : Report of an International Conference organized by the Planning and Research Bureau of the Portuguese Ministry of Education and the Centre for Educational Research and Innovation of the OECD, Vilamoura, Algarve (Portugal), 22nd-24th May 1991
/ Gabinete de Estudos e Planeamento (GEP) ; OECD.

- Lisboa : GEP, 1992. - 192 p.
- ISBN 972-614-209-1.

The importance of training teachers to use information and communication technologies in the classroom was the central theme of this conference. Special emphasis was given to the need to establish an active partnership between in-service teacher training and research in education. This document also describes the experience of a Portuguese group with the Minerva project (Means of Informatics in Education: Rationalisation, Valorisation and Actualization).

NEW TECHNOLOGIES, INITIAL TRAINING, IN-SERVICE TRAINING, RESEARCH, DIDACTIC USE OF COMPUTER, CONFERENCE

D. TRAINING OF TRAINERS

COUNCIL OF EUROPE

-  ***Selection and Professional Development of Trainers responsible for the Initial Training of Teachers, Council of Europe, Strasbourg, 27-28 March 1990 : Report of the Secretariat.***
- Strasbourg : Council of Europe, 1990. - 27 p.

INITIAL TRAINING, EMPLOYMENT, TRAINER, SELECTION, RECRUITMENT, SEMINAR

-  ***Seminar on the Selection and Professional Development of Trainers responsible for the Initial Training of Teachers, Council of Europe, Strasbourg, 27-28 March 1990 ; National Reports : Cyprus, Finland, Norway, Sweden, Yugoslavia, Germany, France, Spain, Ireland, Portugal, the Netherlands, Belgium (French-speaking Community), Belgium (Dutch-speaking Community), Luxembourg, Greece, United Kingdom, Poland, Turkey.***
- Strasbourg : Council of Europe, 1990. - P.m.

INITIAL TRAINING, EMPLOYMENT, TRAINER, SELECTION, RECRUITMENT, SEMINAR

These documents were drafted on the basis of work carried out in a seminar organized by the Council on Cultural Cooperation of the Council of Europe. The national reports address issues of relevance to teacher trainers, including recruitment criteria and opportunities for further education. This volume also presents proposals developed by the two working groups with respect to the pivotal role played by teacher trainers.

EURYDICE

The Education Information Network in the European Union and the EFTA/EEA Countries

Cooperation in education

The education systems in the European Union reveal considerable variations from one Member State to the other, and this variety, itself the result of historical and cultural factors, is a valuable resource of which we should take full advantage.

However, in order to ensure that this diversity does not become an obstacle to the free movement of people, it is clearly essential to provide reliable and easily accessible information on the education systems and policies in the Union. Information is indeed necessary to promote mutual understanding between educationists and to facilitate the development of effective cooperation at /European Union/ level. It was to meet this need that the EURYDICE network was set up in 1980, under the first action programme in the field of education¹.

In 1990, the network was recognised as the chief instrument for providing information on national and Community structures, systems and developments in the field of education². Its inclusion in the new Community education programme "SOCRATES" again recognises the importance of its role and the need to further strengthen its action.

Each Member State has, in accordance with its own distinctive education structures, designated at least one National Unit to contribute to the work of the network. The 20 units are for the most part located in the various education ministries. The European Commission set up the European Unit of EURYDICE in Brussels with the task of giving momentum to, and coordinating the activity of and exchanges within, the network, and contributing to the production of studies and comparative analyses on topics of general interest to the Member States of the Union.

¹ OJ C 38, 19.2.1976, p. 1.

² OJ C 329, 31.12.1990, p. 23.

CAT. NUMBER
UU1095058ENC

1. *On the Nature of the Human Species* (1859) by Charles Darwin
2. *The Descent of Man* (1871) by Charles Darwin
3. *What Is Life?* (1943) by Erwin Schrödinger
4. *The Selfish Gene* (1976) by Richard Dawkins
5. *The Extended Phenotype* (1982) by Richard Dawkins
6. *Evolution's Rainbow* (2009) by Sean B. Carroll
7. *Endgame* (2011) by Sean B. Carroll
8. *Genes, Cells, & Behavior* (2012) by Sean B. Carroll
9. *What Is Evolution?* (2013) by Sean B. Carroll
10. *How We Got to Now* (2014) by Steven Johnson